



Davide Caruso

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Microsoft Transcript: <https://learn.microsoft.com/en-us/users/davidecaruso-5433/transcript/vym8pi6gm3qrwwp>

Gender: Male

Date of birth: 26/09/1986

Nationality: Italian



JOB APPLIED FOR

Data Engineer, Data Management and Analytics, Web-App Developer

Presentation

I'm an IT Consultant registered in the register of "Periti Industriali e Periti Industriali Laureati" with more than 10 years of experience as an IT consultant in various sectors (Public administration, Energy sector, financial sector) and various end clients (Eurozon Capital, Ministry of Labor and Social Policies, Ministry of Economy and Finance, BaxEnergy, Telecom Italia, Banca Intesa).

Visit my Website and book a Consultancies

www.dataengineerremote.com

WORK EXPERIENCE

[01/01/2022 – Current]

Informatics Industrial Engineer - Data Engineer - Data Analyst

Per. Ind. Davide Caruso – VAT Number 05982830878 www.dataengineerremote.com

Address: Via Affitto, 25A, 95030, Mascalucia (CT), Italia

Business or sector: Information and communication

- Design and delivery of IT technical training courses focused on Relational database and non-relational, with particular reference to the administration of the database SQL Server and language T-SQL, DAX, MDX, U-SQL, C#. On my site you can download the program of the first lesson and other teaching material created by me.
- Online technical support activities on technologies of which I already have proven mastery: T-SQL, SQL SERVER, SSIS, SSRS, SSAS, PL/SQL, Azure SQL, PL/SQL, Asp.Net c#, Microsoft Outlook, Windows Server, HTML, VBA, Microsoft Excel, Microsoft Access, MySQL, C#, IT Security, Database design, Object-oriented analysis and design (OOAD), PHP, JavaScript, CSS, PowerPoint, Bash shell, Arduino IDE, Arduino motor shield driver, Power BI, Active Directory, PowerShell, Python, Azure Data Studio, Google Analytics, Google AdSense, Google Tag, Docker, MongoDB Develop and Admin, Oracle DB, PySpark, Notebook Jupiter, Amazon Web Services, Google Cloud Platform, Kubernetes, Ruby language
- Technologies under study: ElasticSearch, Cassandra, Microsoft Dynamics 365, Azure DevOps Services, .NET MAUI, Bluetooth protocol
- Development of Studio Software Solutions to expand and apply my knowledge on new technologies used in educational courses/personal lessons Search for new customers
- Work on updating Professional Website (HTML5 – PHP – MYSQL) With Front-End compatible for Desktop and Mobile Browsers (Safari – GoogleCrome)
- Development of Software Solutions for Future Publication on the Apple Store, Starting from my own Conceptual and self-financed idea - Of a confidential nature as it is not yet Published and incomplete

- Recent professional advice:
 - Client: DIBIASIBUS SRL person in charge Elmar Di Biasi (consultancy about Microsoft 365 - Power Platform – Dynamics 365)
 - Client: Artisan StringArt Muchele Sanna (consultancy about ecommerce –Amazon HomeMade)
 - Client: Filippo Cantore – IT Professional (consultancy about High availability PostgreSQL - Azure)
 - Client: Eiss S.r.l. person in charge Christian Cerutti (consultancy about security SQLServer)
 - Client: Lemsys srl person in charge Arch. Luca Moscardi (consultancy about Windows Server)
 - Client: Dv Media Net person in charge Politi Alfio (consultancy about Backup SQL Server)
 - Various Clients IT Technician or IT Students for Practical Course on Relational Databases (anonymous in compliance with privacy laws)

[09/03/2016 – 03/08/2016]

Person in charge of the Information systems and technologies – Spec. Production-Team

Dacomat Srl <http://www.dacomat.com/>

Address: Via Costantino Mortati, 68, 00156, Roma, Italy

Business or sector: Information and communication

Project: Support Information Technology - Database Management System of Exprivia S.p.A.

Client: Banca Intesa San Paolo Database Expert advisor with varying working time

Type: Database Solution / Web Application

Integrated development environment: Visual Studio

Programming Languages: Visual Basic, C#

Database: Sql Server 2000-2014

Role: MCSE: Data Platform with Business Intelligence skills Managed

Activities: Administering Microsoft SQL Server (From 2000 to 2014), Deploy Data Warehouse Solution with Microsoft SQL Server SSRS - SSAS - SSIS

[03/03/2014 – 08/03/2016]

Person in charge of the Information systems and technologies – Spec. Develop-Team

Dacomat Srl <http://www.dacomat.com/>

Address: Via Costantino Mortati, 68, 00156, Roma, Italy

Business or sector: Information and communication

Project: Sigma Giovani of Unisys Italia Spa.

Client: Ministry of Labor and Social Policy Management information system for Monitoring Audit activity. The SIGMA Giovani is the local system of DGPAPL and is responsible for the management of: vital statistics, structure, equipment and Operative Program (O.P.) Monitoring and surveillance of O.P. Financial transactions O.P. Accounting records of each operation Controls, performed by both parties of the system of management and control systems (the first level controls, Certifying Authority, Audit Authority), or by external parties (e.g. Commission, IGRUE, Court of Auditors, etc.). Irregularities detected by all subjects with the power of control over the operations and the data related to the monitoring of corrective actions taken.

Type: Database Solution / Web Application

IDEs: Visual Studio 2013

ORMs: MS Framework .NET 4.5

Programming Languages: Visual Basic.Net, C#

Technology: HTML, CSS, ASP.NET, JavaScript, Web Forms

Database: SQL Server 2014

OS: Windows Server 2012

Virtualization Software: Hyper-V Other: TortoiseSVN, Bootstrap

Role: Senior DBA (MCSE DATA PLATFORM) with Asp.Net skills

Activities: Person in charge of Database Project Sigma Giovani. Database Analyst. Database Designer. Support activities for the development team. Maintenance and optimization of databases. Sizing disks, the installation and configuration SQL instances. Installing and configuring Reporting Services. Activity monitoring server and production machines. Migrating from SQL Server 2005 to SQL Server 2014. Management and administration of users / permissions. Interfacing with Oracle Database.

[15/11/2015 – 15/12/2015]

Trainer .Net - Telerik

ESIS s.r.l. <http://www.esis-italia.com/>

City: Roma

Country: Italy

Business or sector: Information and communication

Trainer activity for a Course Telerik (VB.Net and Reports) for Administration Public employees

[10/10/2014 – 08/11/2014]

Database Administrator Trainer

SOFTWARE E SISTEMI AVANZATI S.P.A. <http://www.sesanv.com/>

Address: Via Cristoforo Colombo, 112, 00147, Roma, Italy

Business or sector: Information and communication

Trainer for Business Course of Microsoft Sql Server 2012

[18/03/2013 – 18/09/2013]

Database and Business Intelligence Consultant Microsoft

ADECCO ITALIA S.p.A. <http://www.adecco.it/>

Address: Viale Liguria, 24, 20143, Milano, Italy

Business or sector: Information and communication

Project: DW3 – Data Warehouse Client of Hewlett-Packard Company Historicizes transactional data residing on accounting systems dedicated to the management of certain products established or delegated at Eurizon Capital. The set of the analysed data is constituted by: -The Heritage, Collection, subscriptions / redemptions, transfers / withdrawals; - Activations and revocations of contracts of G. Collective.

Type: Data Warehouse 4 level (Staging - History - Primary - DataMart)

Client: Eurizon Capital - Banca Intesa San Paolo

IDEs: Visual studio 2005

Business intelligence Tools: SQL Server Integration Services, SQL Server Analysis Services, SQL Server Reporting Services, QlikView.

Programming Languages: Visual Basic.Net

Database: SQL Server 2005

Other: Team Foundation Server

Role: Business Intelligence Microsoft Consultant

Activity:

- Edit SSIS packages for the acquisition of new columns in csv files.
- Edit tables, views, stored procedures for loading new data.
- Adding new hierarchies on the product dimension Changes with one tutor in various reports QlikView Updating Environment Development (DB and SSAS) for compatibility with the production environment

[05/03/2012 – 05/03/2013]

SQL Server DBA - Business Intelligence

Bax Energy Italia S.r.l. <http://www.baxenergy.com/>

Address: Via Trinacria, 32/34, 95030, Catania, Italy

Business or sector: Information and communication

Project: Administration Data Warehouse and Graphic Reports of the application EnergyStudio Pro® Properties® GmbH BaxEnergy for different Customers: EDF Group, Enel Green Power, Imwind, etc...

Type: Database Solution / Web Application Client: Bax Energy Italia S.r.l.

IDEs: Visual studio 2010 Programming Languages: C# ORMs: MS Framework .NET 4.0, Entity Framework 5.0.

Technology: Windows Presentation Foundation Database: SQL Server 2008 r2 - SQL Server 2012

Other: Team Foundation Server, LINQ Role: Analyst Developer – Database Administrator

Activity:

- **Sql Server Database Administrator Activity:**
 - o Migration Database.
 - o ETL con SSIS per import in Sql Server.
 - o Troubleshoot and optimize queries, Gathering Performance Information and Work with data Write "Sql Server Performance Analysis" Guideline. Technical Support Activity (Sql user permissions, SNAPSHOT, Recursion in T-SQL, use sp_MSForEachTable, Log Shipping, how configure full text, SQL Datetime Conversion into String by Formats, CONTEXT_INFO, BULK INSERT, BACKUP DATABASE, Adding External References to SQL CLR Projects, Partitioned Views, BULK INSERT, MERGE, SQL Server Service Broker) .
 - o Estimating Database Size and Analyse CPU and Ram requirements during Data Generator with Performance Monitor using User Defined – Data Collector sets
- **Sql Server Database Developer Activity:**
 - o Research a table partitioning strategy suitable for Sql Server Standard edition
 - o T-Sql Script to Simulate Energy Studio Pro® Data Logger Activity
 - o ETL activity with T-Sql for import Excel files into Sql Server
 - o Write "Designing Queries for Performance" Guideline
- **Microsoft Windows Developer Activity:**
 - o "Automated Testing Environment Update" Application - Console mode and Windows Mode
 - o Create Database Versioning API
- **Quality control Activity:**
 - o Reporting Module Reporting Services Research (SQL Server Reporting Services 2012)
 - o Database Versioning Research
 - o Test Activity per Energy Studio Pro® Web Interface
 - o Test Activity per Energy Studio Pro® Workflow

[10/10/2011 – 02/03/2012]

Sql Server Database Administrator - Analyst Developer

Proxima Informatica S.p.A.

<http://www.proximainformatica.com/>

Address: Via della Maglianella, 65/r, 00166, Roma, Italy

Business or sector: Information and communication

Project: W.A.S.P (Web Agenda sistema per il Provisioning). The application W.A.S.P. is a management software for the workflow of the activities of Telecom / Path.Net employees.

Type: Web Application - Two-tier architecture

Client: Path.Net - Gruppo Telecom Italia S.p.A.

IDEs: Visual studio 2008

Programming Languages: Visual Basic.Net, C#

ORMs: MS Framework .NET 3.5, Asp.Net Database: SQL Server 2005

Role: Analyst Developer – Database Administrator

Activities:

- Installing and configuring SQL Server Database
- Designing a Database (Entity relationship diagram).
- Designing and Implementing Programming Objects and Indexes.
- Data analysis and verification database referential integrity.
- Build new application functionality
- Using VB.NET and C# in the same solution (Workflow management, Planning Activities) using ADO.net and improved maintainability of some existing functions.
- Used Telerik - Ajax controls.
- Interfacing with remote application WeTech through Web Services to database data synchronization. Solution developed in Windows Service.
- Install and configuration of Visual Studio 2008 Team Foundation Server.
- Writing user manual and mentoring activities for handover of the project at another employee.

[01/12/2010 – 07/10/2011]

Microsoft Developer

Eidos Sistemi Di Formazione S.r.l.

<http://www.eidos.biz>

Address: Via dei Mamili, 11, 00175, Roma, Italy

Business or sector: Information and communication

Project: Portale Sifip

The application SIFIP is a portal that allows Ministerial Inspectors to share information relevant to their work. The use of the various features of Microsoft SharePoint Server 2007, will improve the management of documents and will increase the dialogue and the exchange of information, through the customization of tabs verification, categorization of documents, and through the use of sections which: Blog, Wiki and News.

Type: Web Application - Two-tier architecture

Client: Consip S.p.A.

IDEs: Visual studio 2008 ORMs: Asp.Net 3.5

Other: Microsoft SharePoint Server 2007, Team Foundation Server

Database: SQL Server 2005

Role: Analyst Developer – Database Administrator

Activities: Created Web Parts with Database Sql Server 2005 access for forms asp.net to insert/update/delete/views/ search data and send newsletter emails. Programmatically create pages and document library from WebPart. Creating Web-Part for Managing newsletter and Sending e-mail. Used Telerik- Ajax controls. Designing a Database Strategy and Designing Database Tables. Designing and Implementing Programming Objects and used SSIS Packages to Import Data.

Project: CCVT Management Current Accounts The solution manages the accounts resulting from the issuance of passports in the Italian offices abroad. Includes a step of recording the accounts, with any adjustments communicated later, and a step of transferring money from current accounts opened with Italian foreign offices. The system is integrated with other accounting applications and provides the ability to automatically create all the necessary paperwork to the operators.

Type: Web Application - Three-tier architecture

Client: Consip S.p.A.

IDEs: Visual studio 2008

Languages: C#

ORMs: MS Framework .NET 3.5

Technology: ASP.NET, HTML, CSS, JavaScript, Web Forms

Database: Sql Server 2008

Role: Developer Software

Activities: Created Aspx Pages with framework Eidos. Used Telerik - Ajax controls. Used LinQ Technology. Functionality importing monthly data from Excel File - XML db on SQL Server. Imported data from excel to Sql server with SSIS. Created Views.

Project: Prototipo GSE Formazione office 2010

Users upgrading of skills in the use of the products of Microsoft Office 2010. In particular, the activities involve a potential target of about 950 users (shared between GSE, GME, AU and RSE) taking in to account the different contexts from the point of view of the role of business covered, prior knowledge and logistics.

Type: Web App - Sharepoint 2007

Client: Gestore dei Servizi Energetici - GSE S.p.A.

IDEs: Visual studio 2010

Languages: C#

Technology: HTML, CSS, JavaScript, Web Forms, Asp. Net

ORMs: MS Framework .NET 4.0

Other: SharePoint 2007, Team Foundation Server

Role: Analyst Developer – Database Administrator

Database: SQL Server

Activities: Created aspx pages and SharePoint Document Libraries Created Custom Master Pages and layout Created Content Query Web Part Management Database (sizing, partitioning, etc.)

[01/09/2009 – 30/11/2010]

Microsoft Developer

Eidos Sistemi Di Formazione S.r.l

<http://www.eidos.biz/>

Address: Via dei Mamili, 11, 00175, Roma, Italy

Business or sector: Information and communication

Project: Sistema integrato Valutario Antiriciclaggio SIVA It is an integrated web application for manage the "Direzione V" of the department of The Department of the Treasury Italian. In the past there were two distinct areas, but now the two areas are being unified:

- Sigiweb for handling administrative offenses provided for by the legislation against money laundering,
- GIV for handling administrative offenses provided for by currency regulations, • SIVA The system has the following characteristics:
- One-Extranet
- Single database
- The common functions implemented once
- The functions peculiar to specialized according to the regulations:
- Management of seizures for values of the people and cancelled seizures (only scope for currency area)
- "Management and security" for offenses (different according to the area functional)
- Management offerings (different according to the area functional)
- Management disputes (for only anti-laundering area functional)
- Document Management
- Managing user levels, simplifying
- Administrative Functions

Type: Web Application - 4-Tier Architecture

Client: Consip S.p.A.

IDEs: Visual studio 2010

Languages: C#

Technology: HTML, CSS, JavaScript, Web Forms, ASP.NET, Windows Communication Foundation

ORMs: MS Framework .NET 4.0, Entity Framework

Database: Sql Server 2005

Role: Developer Software

Activities:

- Created Aspx Pages with framework Eidos.
- ETL operation and migration data to Sql Server.
- Created UML diagrams (Sequence Diagram, Use case diagram).
- Corrected the x-html web pages for usability and accessibility using the Stanca law using W3C® Markup Validation Service.
- Created Views.
- Used LINQ and Entity Framework.
- Created Reports with Crystal Reports.

Project: Italferr Access Gestione Tratte-Contratti Provision of specialist assistance:

- Update-functional system integration with Business Objects and SAP R / 3 and BI Database and other business;
- Update, control and monitoring of the infrastructure of Web systems;
- tuning, optimization and integration of enterprise database;
- Analysis of business processes, the design of the application flows and alignment to existing systems;
- Updating the standards of usability and user interface of Web systems;
- Updating map data and GIS business;

Type: File Microsoft Access 2007

Client: Italferr – Gruppo Ferrovie dello Stato

Commercial office suite: Microsoft Office Access 2007

Languages: Visual Basic for Application

Role: Analyst Developer – Database Administrator

Activities:

- Designed a Database Strategy and Created Database, Tables, Relations, Indexes, Views.
- Created Forms and Sub-Forms Created reports (text and graphic)

[24/04/2009 – 15/08/2009]

IT Consultant

Sosinel S.r.l.

Address: VIA G. TREVIS, 88, 00147, Roma, Italy

Business or sector: Information and communication

Project: Business Agenda

Type: Java application

Client: Business application. Integrated development environment: Eclipse
Role: Software developer
Languages: Java
Database: MySql 5
Activities: Creating a Business Agenda using the main software design patterns for object-oriented programming Sun

[01/09/2007 – 01/09/2008]

Internship/Stage

CED Azienda Ospedaliera Garibaldi di Catania

<http://www.ao-garibaldi.catania.it/>

City: Catania

Country: Italy

Business or sector: Information and communication

Project: Gestione strutture ricettive

Integrated development environment: Microsoft Office - Windows
Role: Software developer / data entry
Activities:

- Help desk hardware / software.
- Programming Office Applications: Access (Tables, Forms, Modules VBA, Reports)
- Data entry with a management software for hospitality

[01/09/2005 – 31/08/2007]

IT Consultant

Freelancer - Contract to provide occasional

Business or sector: Information and communication

Activity:

- IT Consultant for create a software employee timesheet written in VB.net with database Sql Server.
- Technical video conference room for the Fiera di Roma with the company: ArtenergyPublishing S.r.l. Via Gramsci, 57 20032 Cormano(MI) (Italy).
- Shopping Malls in Rome and Catania with the company: Target Italia S.r.l. - Viale Umbria, 11/A - 20135 Milano in Centri Commerciali RM e CT.
- Occasional work as a Webmaster for the websites:
 - www.teafalco.com
 - www.davide986.altervista.org/
- Configuring Wi-Fi router for video surveillance.

EDUCATION AND TRAINING

[05/12/2018 – 05/12/2021]

University Degree of the Abilitation to the regulated profession of Informatics Industrial Engineer score 86/100

Level in EQF: EQF level 6

NQF Level: Laurea Triennale Equivalente - Art. 11, lett. d) della "Direttiva 2005/36/CE del Parlamento Europeo e del Consiglio del 7 settembre 2005 (pubblicato in G.U.C.E. il 30 settembre 2005, L 255/22), relativa al riconoscimento delle qualifiche professionali", la quale nel Titolo III – Libertà di stabilimento "Regime generale di riconoscimento di titoli di formazione", nella rubrica "Livelli di qualifica", raggruppa nel livello d) i soggetti che hanno conseguito "un diploma che attesta il compimento di una formazione a livello di insegnamento post-secondario di una durata minima di tre e non superiore a quattro anni o di una durata equivalente a tempo parziale, impartita presso un'università o un istituto d'insegnamento superiore o un altro istituto che impartisce una formazione di livello equivalente, nonché la formazione professionale eventualmente richiesta oltre al ciclo di studi post-secondari" (art. 11, comma 1, lett. d) Direttiva 2005/36/CE).

- Study with didactic books due to gaps due to the change in the ministry of Instruction program of the itis compared to the period of my high school exam and the union of the exam with the three-year graduates:
- Systems and Networks (1-2-3) For the articulation of technical institutes in the technological sector - HOEPLI

- Project management, business organization - second edition - for information technology and telecommunications •
- Internet of Things with Arduino - Packt Publishing
- Study of texts recommended and used for exam preparation
- The state examination for the industrial expert. Engineering activities and the exercise of the profession - by Adriano Barile - Edizioni Efesto, 2015
- Computing Forensics - Part 1: The Complete A-to-Z Guide to Cyber Investigations | Methodologies, Processes and Safety Analysis
- Exam simulation on past texts - <http://www.cnpi.eu/http-www-cnpi-eu-esami-di-stato/>
- Preparation course for the exam provided by the Opificium Foundation – CNPI

[01/10/2007 – 01/11/2008]

Tecnico Superiore per i sistemi e le tecnologie informatiche

I.I.S.S. Enrico De Nicola

Address: Centro scolastico Polivalente via Motta, 87, S. G. La Punta (CT), Italy **Level in EQF:** EQF level 5

NQF Level: Corso I.F.T.S. - Duration 1200 hours

SQL SERVER - Linux Operating System - Network Administrator - ECDL Core Level - Hotel

Management System: Nuonga - Safety and Security at Work - Public Relations and Communication- Employment Law - English B1 level

[01/09/2000 – 30/07/2005]

Perito Industriale Capotecnico Specializzazione: Informatica “ABACUS” score 92/100

Istituto Tecnico Industriale Statale Galileo Ferraris (I.T.I.S.)

Address: Centro Scolastico Polivalente via Motta, 27, 95037, San Giovanni La Punta (CT), Italy

Field(s) of study: Information and Communication Technologies

Final grade: 92/100 **Level in EQF:** EQF level 4

NQF Level: Education at high-school level

Computer Science, Engineering, Mathematics, Statistic, Electronics and Telecommunications, Science, Story, Italian literature, English

LICENSES AND

CERTIFICATIONS

[01/08/2024]

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

Oracle <https://catalog-education.oracle.com/pls/certview/sharebadge?id=3BD4672FF53C6D856C4BCADC3D025480D9547ABC49F1A3FA7B582032AA6120C5>

- Understand Large Language Models (LLMs)
- Proficient in using OCI Generative AI Service
- Build a Retrieval-Augmented Generation (RAG) based chatbot using OCI Generative AI Service

[24/06/2024]

Microsoft Certified: Azure Data Scientist Associate (Exam DP-100)

Microsoft

- Design and prepare a machine learning solution
- Explore data and train models
- Prepare a model for deployment
- Deploy and retrain a model

[30/11/2023]

International ESOL Communicator B2 (Listening, Reading, Writing, Speaking) (Exam)

LanguageCert <https://badges.peoplecert.org/Badge/en/1F9AB245-720B-4EE2A51A-535C10160036>
<https://badges.peoplecert.org/Badge/en/68982E27-A4B9-415D-ABD1-F7EE3CDO4997>

LanguageCert International ESOL, B2 level certificate holder can understand main ideas of complex communication, interact with a degree of fluency and spontaneity without strain for either party, engage in discussion in familiar and unfamiliar situations, and communicate in detail, appropriate to purpose and audience.

[21/06/2023]

Microsoft Certified: Azure Data Fundamentals (Exam DP-900)

- Describe core data concepts (25–30%)
- Identify considerations for relational data on Azure (20–25%)
- Describe considerations for working with non-relational data on Azure (15–20%)
- Describe an analytics workload on Azure (25–30%)

[03/01/2022]

SQL (Advanced) and Python (Basic)

HackerRank https://www.hackerrank.com/profile/davide_caruso86

The HackerRank site tests consist of solving 2 exercises by creating a code module that supports various Automatic Test cases Preset for a maximum time of a few hours

Again from the same certification body I obtained the following Badges: SQL Gold Level *****, Python Gold Level *****, Ruby Level Bronze **, Database and Data Structure

[09/01/2017]

IT Essentials

Cisco Networking Academy

Understand the operating principles of a Personal Computer and computer networks. Assembling a Personal Computer, installing and configuring an operating system, evaluating and implementing hardware and software updates, installing external peripherals, recognizing network equipment, the protocols used in PC networks and to understand how they work, for example carry out analyzes on malfunctions and implement solutions to the problems detected.

[03/01/2017]

Introduction to Internet of Everything

Cisco Networking Academy

Knowledge of the key points of new internet technologies. Provides an overview of the concepts and challenges of the Internet or Everything: people, processes, data and objects.

[26/09/2016]

Microsoft® Certified Solutions Expert (MCSE): Data Management and Analytics - Certified 2016

Microsoft

- Designing and Implementing Cloud Data Platform Solutions,
- Designing and Implementing Big Data Analytics Solutions,
- Developing Microsoft SQL Server Databases,
- Designing Database Solutions for Microsoft SQL Server,
- Implementing Data Models and Reports with Microsoft SQL Server,
- Designing Business Intelligence Solutions with Microsoft SQL Server

[15/07/2016]

Oracle Certified Java Programmer, Gold SE 7

Oracle

[https://catalog-](https://catalog-education.oracle.com/pls/certview/sharebadge?id=6D7A3E4EFCB5252FE329DA0E11D04C8385F39B2E45BA4FADADA079039404464E)

[education.oracle.com/pls/certview/sharebadge?id=6D7A3E4EFCB5252FE329DA0E11D04C8385F39B2E45BA4FADADA079039404464E](https://catalog-education.oracle.com/pls/certview/sharebadge?id=6D7A3E4EFCB5252FE329DA0E11D04C8385F39B2E45BA4FADADA079039404464E)

- Java SE 7, JDK 7, Java, Oracle Professional
- JDBC, Localization, Concurrency, Threads
- Java NIO.2 API, Regular Expressions, Java Design Patterns, Fork - Join Framework

[08/12/2015]

Microsoft® Certified Solutions Expert (MCSE): Data Platform e MCSA: SQLServer 2012/2014 - Recertified 2016

Microsoft

- Database Fundamentals
- Microsoft Azure Fundamentals: Storage and Data
- Querying with Transact-SQL
- Windows Server Administration Fundamentals
- Networking Fundamentals
- Security Fundamentals
- Administering Microsoft SQL Server 2012 Jump Start
- Designing Database Solutions for SQL Server
- Upgrading to Microsoft SQL Server 2014
- Updating Your Database Management Skills to SQL Server 2014

[15/01/2014]

Designing Business Intelligence Solutions with Microsoft SQLServer 2012 (Exam 70-467)

Microsoft

Plan business intelligence (BI) infrastructure - Design BI infrastructure - Design a reporting solution - Design BI data models - Design an ETL solution

[27/11/2013]

Implementing Data Models and Reports with Microsoft SQLServer 2012 (Exam 70-466)

Microsoft

Build an analysis services database - Manage, maintain, and troubleshoot an SSAS database - Build a tabular data model - Build a report with SQL Server Reporting Services (SSRS)

[02/08/2013]

Transition your MCITP on SQL Server 2008 to MCSE: Data Platform (Exam 70-459)

Microsoft

Implement database objects - Implement programming objects - Design database objects Optimize and troubleshoot queries - Design database structure - Design databases and database objects - Design database security - Design a troubleshooting and optimization solution

[05/07/2013]

Transition Your MCTS on SQL Server 2008 to MCSA: SQL Server 2012, Part 2 (Exam 70-458)

Microsoft

Manage data - Implement security - Implement high availability - Design and implement a data warehouse - Extract and transform data - Load data - Configure and deploy SSIS solutions - Build Data Quality solutions

[14/03/2013]

Programming in HTML5 with JavaScript and CSS3 (Exam 70- 480)

Microsoft

Implement and Manipulate Document Structures and Objects - Implement Program Flow - Access and Secure Data - Use CSS3 in Applications

[14/01/2013]

Transition Your MCTS on SQL Server 2008 to MCSA: SQL Server 2012, Part 1 (Exam 70-457)

Microsoft

Create Database Objects - Work with Data - Modify Data - Troubleshoot and Optimize Queries - Install and Configure SQL Server - Maintain Instances and Databases - Optimize and Troubleshoot SQL Server

[07/05/2012]

PRO: Designing, Optimizing and Maintaining a Database Administrative Solution Using Microsoft SQL Server 2008 (Exam 70- 450)

Microsoft

Installing and Configuring SQL Server 2008 - Maintaining SQL Server Instances - Managing SQL Server Security - Maintaining a SQL Server Database - Performing Data Management Tasks Monitoring and Troubleshooting SQL Server - Optimizing SQL Server Performance Implementing High Availability

[13/12/2011]

TS: Microsoft SQL Server 2008, Implementation and Maintenance (Exam 70-432)

Microsoft

Installazione e configurazione di SQL Server 2008 - Manutenzione delle istanze di SQL Server - Gestione della sicurezza di SQL Server - Manutenzione di un database di SQL Server - Esecuzione di attività di gestione dei dati - Monitoraggio e risoluzione dei problemi di SQL Server - Ottimizzazione delle prestazioni di SQL Server Implementazione della disponibilità elevata

[28/07/2011]

PRO: Designing Database Solutions and Data Access Using Microsoft SQL Server 2008 (Exam 70-451)

Microsoft

Designing a Database Strategy - Designing Database Tables - Designing Programming Objects - Designing a Transaction and Concurrency Strategy - Designing an XML Strategy Designing Queries for Performance - Designing a Database for Optimal Performance

[27/05/2011]

TS: Microsoft SQL Server 2008, Database Development (Exam 70-433)

Microsoft

Implementing Tables and Views - Implementing Programming Objects - Working with Query Fundamentals - Applying Additional Query Techniques - Working with Additional SQL Server Components - Working with XML Data - Gathering Performance Information

[01/09/2008 – 01/01/2009]

CISCO CCNA Exploration 4.0

CISCO Network Academy®

Network Fundamentals (Module 1) - Routing Protocols and Concepts (Module 2) - LAN Switching and Wireless (Module 3) - Accessing the WAN (Module 4)

[05/03/2008]

ENGLISH DIPLOMA LEVEL B1 - Final Result 76/100

British School

[26/01/2008]

ECDL

AICA - Associazione Italiana per l'Informatica e il Calcolo Automatico

Basic concepts of IT, Use of Computer, Word Processing, Spreadsheet, Database, Presentation, Computer Networks

1° year of University faculty of Informatics

University of Catania

PROGRAMMING 1 AND LABORATORY (score 30/30 laude) - Mathematics Analysis 1 (score 26/30) - Physics 1 (score 25/30) - English - PROGRAMMING 2 AND LABORATORY (score 28/30) - Mathematics Analysis 2 (score 21/30)

LANGUAGES SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

(Self-assessed with a score from 0 to 10)

Technology: HTML 5(score 9), CSS 3(score 9), ASP.NET (score 9), ASP, Web Forms, Windows Presentation Foundation, LINQ (score 8).

ORMs: MS Framework .NET e Core (score 8), Entity Framework (score 8),

Other: SharePoint (score 8), Telerik (score 8), Google analytics (score 8), Google AdSense, Google Tag (score 7)

Business intelligence Tools: Vertex AI, Google Cloud Data Fusion, Data Flow, Azure Data Studio, SQL Server Integration Services (score 9.5), Analysis Services (score 8.5), SQL Server Reporting Services (score 8), Crystal Report (score 8), IBM Information Server DataStage (score 8), QlikView (score 8), Notebook Jupiter (score 8), Microsoft Dynamics 365, Power BI (score 9), tableau public e Prep (score 8), Oracle Data Integrator (score 7.5), Microsoft Power Apps (score 8)

Languages: C# (score 9.5), VB.Net (score 8), T-SQL (score 9.5), PL/SQL (score 8), Visual Basic for Application (score 7.5), Java (score 8 but only Standard Edition), JavaScript (score 8), Python (score 9, con le librerie matplotlib, numpy, pandas, plotly), Bash (score 8), PowerShell (score 8), ruby (score 6.5), PySpark (score 8), PHP (score 8), DAX(score 8), MDX (score 8), U-SQL (score 8)

OS: Windows Server (score 9.5), Red Hat Enterprise Linux, Oracle Linux (anche con oraclegrid infracstutture) e RoboLinux(score 8).

Cloud for Data jobs: Azure (score 9), Amazon web Services AWS (score 8), Google Cloud Platform GCP (score 8)

Virtualization Software: Docker (score 7.5), Hyper-V (score 9), VMware Workstation (score 8), Virtual PC 2007, Kubernetes

Databases SQL: From SQL Server 2005 to Azure SQL (score 9.5), Oracle Database 12c (score as Developer 9.5, score as Administrator 8, anche con Oracle Real Application Cluster (RAC) e Oracle Data Guard), DB2 (score 7.5), MySQL e MariaDB (score 8.5, anche con Galera Cluster), Access (score 7.5), PostgreSQL (score as Developer 9.5, score as Administrator 8)

Databases NOSQL: MongoDB (score 8.5), redis (score 8), XML (score 9.5), JSON (score 9.5), key value (score 9.5), Azure Data Lake (score 8), Elasticsearch (score 6), Cassandra (score 7)

Logging / monitoring tools to ensure SLA: SQL Trace, Windows Performance Recorder

IDEs: From Visual studio 2005 to Visual studio 2022 e Visual Studio Core (score 9.5), SQL Server Management Studio (score 9.5), OracleSQL Developer (score 9.5), SQL*Plus (score 9.5), Eclipse, Jbuilder, JetBrains - DataGrip 2022, Workbench 8.0 (score 9)

DevOps and CI/CD pipelines in cloud environment: Azure DevOps Services (score 8), Team Foundation Server (score 8), GitHub (score 8), TortoiseSVN (score 7)

Commercial office suite: From Microsoft Office XP to Microsoft 365 (score 9), Open Office, MagicDraw, Google sheets (score 7),

Cloud development: Azure Data Factory (score 9), Azure Synapse Analytics (score 9), AWS Glue (score 6)

Communication protocols: Web Services (with C# score 8), Windows Communication Foundation - WCF (score 7), Web Sockets (TCP- UDP with c#, VB.Net, Visual Basic 6, php) (score 6), Rest.API with C# (score 7)

DRIVING LICENCE

Cars: B

MANAGEMENT AND LEADERSHIP SKILLS

Project Management

- Analysis and design (both object-oriented and procedural), creation and quality control, drafting of technical documentation, systematic skills, usability and accessibility, technical learn consultancy, legal IT competence (privacy and cybersecurity, copyright), creation of financial reports, Data analytics, Software development methodologies, data estate ingests from operational data store (ODS) and Enterprise data warehouse (EDW) (about 10 years of experience)
- Agile software development: Scrum (Sprint Planning Meeting, Daily Scrum Meeting, Sprint Review Meeting, Sprint Retrospective Meeting, Backlog Refinement Meeting) (8 years of experience)

NETWORKS AND MEMBERSHIPS

[01/01/2022 – Current]

Registration in "Albo Unico Periti Industriali e Periti Industriali Laureati"

The Registration in the register allows you to raise the level of professional responsibility. And to be able to:

- carry out design activities
- take on the task of managing the works
- carry out verifier and coordinator tasks both in the planning and implementation phases execution
- test works designed and built by third parties.

It also allows you to participate in professional training courses (provided by the Foundation

Opificio) including:

Cyber security and PNRR and Transition 4.0, Protocols for the integrated factory, Agile working, ethical standards

I have 74 CFP accredited to current date. I can send you a Complete module list on separate file

Link: <https://www.albounicoperind.it/Perito/VisualizzaDettaglioPeritoIndustriale.aspx?home=1&iscritto=159145>

[17/12/2019 – Current]

Microsoft Learning paths and modules (211 Hours)

With particular interest in:

the Database training modules, Administrator, Data Analyst, Data Engineer with Cloud Azure, Power BI
I'm in the LEVEL 12

[29/01/2024]

Preparing for Google Cloud Certification: Cloud Data Engineer Google Cloud
Training Online

Identify the purpose and value of the key Big Data and Machine Learning products in Google Cloud. -
Employ BigQuery to carry out interactive data analysis. - Use Cloud SQL and Dataproc to migrate
existing MySQL and Hadoop/Pig/Spark/Hive workloads to Google Cloud. - Choose between different
data processing products on Google Cloud.

Link: <https://www.coursera.org/account/accomplishments/specialization/ZTHA9Y6D783S>

[10/12/2023]

Google Cloud Badges Remote

Perform Foundational Data, ML, and AI Tasks in Google Cloud - Baseline: Data, ML, AI BigQuery Basics
for Data Analysts - Insights from Data with BigQuery - Security & Identity Fundamentals - Baseline:
Infrastructure

Link: https://www.cloudskillsboost.google/public_profiles/ca6acebb-9b25-4d0b-9714-71acfa5c5454

[25/10/2023 – 07/12/2023]

E-commerce websites developer with Wordpress (248 Hours) Remote

Financing entity: Forma.Temp
Promoter Apl: HUMANGEST SPA

WordPress, HTML/CSS, PHP for the front end, Javascript/jquery basics for WordPress, WooCommerce,
UX, UI.

[03/12/2023]

Getting Started with Terraform for Google Cloud Corse E-Learning Coursera

Link: <https://www.coursera.org/account/accomplishments/certificate/K63C52G2UUMB>

[27/11/2023]

Preparing for Google Cloud Certif.: Cloud Engineer Professional Certificate

Corse E-Learning Coursera Write here the description...

Link: <https://www.coursera.org/account/accomplishments/specialization/certificate/C6FBWXAPYLQP>

[18/09/2023 – 13/11/2023]

Receptionist Operator with English speaking skills (120 hours) Remote

Business English Module - Technical Module Receptionist Operator

[03/04/2023 – 05/05/2023]

ENGLISH - UPPER INTERMEDIATE LEVEL (80 Hours) Remote

Financing Entity: Forma.Temp
Promoter Apl: HUMANGEST SPA

The course is aimed at students with good knowledge of English. The result is to be able understand
coherent structured texts and communicate with native speakers.

[03/04/2023 – 05/05/2023] **BACKEND DEVELOPER (160 Hours)** Remote

Financing entity: Forma.Temp

Apl promoter: AXL SPA

Project Code: 090PROTD2319696

The back end developer is a programmer who specializes in server-side coding. In fact, everything that operates behind the scenes of a web page is defined as back end, interacting with the front end, which instead indicates the elements visible to the user's eyes, client side documents

Link: <https://goto.lutinx.com/share/socialcertificate/MTAyMTU/MTY4MzcwNzM4MQ/NDk2NQ>

[28/02/2023 – 08/04/2023] **ENGLISH LANGUAGE BASIC LEVEL (80 Hours)** Remote

listening, grammar, vocabulary and reading activities in English language

[08/02/2023] **Python Essentials 1 - Python Essentials 2** Remote

Cisco

Link: <https://www.credly.com/users/davide-caruso/badges>

[28/11/2022 – 30/01/2023]

**DATA ANALYST: Excel, Business Intelligence Tools and DataVisualization
(Google Data Studio, Tableau, Power BI) (248 Hours)**

Remote

Financing Entity: Forma.Temp

Promoter Apl: HUMANGEST SPA

Project code: 087PROTD2264419

Description: analysis and representation of data through Excel and the main tools Business Intelligence and DataVisualization (Google Data Studio, Tableau, Power BI)

[28/11/2022] **MongoDB Python Developer Path** Remote

MongoDB accademy

Link: <https://learn.mongodb.com/c/u8-fQw5AQpOLn4kV5C9z4A>

[26/11/2022] **MongoDB Database Administrator (DBA) Path** Remote

MongoDB Accademy

Link: <https://learn.mongodb.com/c/PkM90yUuQcWZgio9v4QVrw>

[06/07/2022 – 12/08/2022]

ETL Academy - Data Analytics with ORACLE Database and Amazon AWS (160 hours)

Remote

Ente finanziatore: Forma.Temp

Apl promotrice: Etjca s.p.a

Introduzione a SQL - Progettazione di un DataBase - Chiavi e attributi Database relazionali, Il Data Definition Language (DDL) - PL/SQL - BI - Elemento di un'impresa, Sistema di intelligence - La valutazione economica della Business Intelligence - Progettazione Business Intelligence - Introduzione al data warehouse - Design pattern per il modalità logica - I sistema di Master Data Management e qualità dei dati - AWS Glue

[12/12/2017 – 12/12/2018]

**Reading of the books OCP Oracle Database 12c Advanced Administration
Guide for Exam 1Z0-061 - Exam 1Z0-062 - Exam 1Z0-06**

[02/01/2017 – 04/01/2017] **VAS TECHNICAL MANAGER** Via San Martino, 157, 95024 Acireale (CT)

Ente finanziatore: Forma.Temp

Api promotrice: Synergie Italia SpA

Activities and Societies: Module 1: Employee rights and responsibilities (8 hours) Module 2: Badge management (2 hours) Module 3: Organization and planning activities, and use of computer media (2 hours) Module 4: Customer Relationship Management (CRM) (4 hours) Module 5: ICT & Cloud (3 hours) Module 5: Security in wireless sensor networks: Video Surveillance and Wi-Fi networks (3 hours)

[01/09/2009 – 31/10/2009] **Internal Training** Via dei Mamili, 11, 00175 Roma (Italy)

C# programming language, Introduction to Data Access (ADO.net, LinQ, Entity Framework), SQL server, SSIS, Windows Communication Foundation, Facade Interfaces e ASP.NET

OTHER

Other Informations

- Microsoft transcript attachment
 - Attachment with Complete List of Recognized Professional Training Credits – Consiglio Nazionale Periti Industriali e Periti Industriali Laureati
 - (on request) CNPI Agreements for Civil Liability Insurance Policies
- Professional, transport vehicle rental, and other advantages guaranteed by registration in the register.
- (on request) 5th Level Catania Swimming School Certificate
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Catania, 06/02/2024