

MARCOS DAVID DE LA CRUZ ESQUIVEL

COMPUTER SYSTEMS ENGINEER

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PROFILE

Computer Systems Engineer with experience in software development, systems administration, and technical support. Over time, I've discovered a deep passion for working with data and how it drives informed decision-making. I'm currently focused on transitioning into the field of data analytics and data engineering, where I can combine my technical background with analytical thinking to create scalable, efficient solutions. I'm especially interested in turning raw data into actionable insights and building data pipelines that support business intelligence and decision-making. Motivated by continuous learning, I am actively training in tools like SQL, Python, Power BI, and cloud data platforms to specialize fully in the data domain. I am currently deepening my knowledge in data analytics through self-study and online courses to strengthen my skills and stay up-to-date with industry practices.

SKILLS

SQL, Power BI, Python (data analysis), Excel, C#, Java, JavaScript, .NET Framework, MongoDB, HTML, Git, Linux, Office 365, SQL Server Management Studio (SSMS)

EXPERIENCE

RUZ & ASOCIADOS

IT Systems Lead | January 2023 – January 2024

- Provided support, administration, and maintenance of computer and office equipment, including local server management.
- Managed software licenses (e.g., Microsoft Office, MiAdminXML) to ensure compliance and employee productivity.
- Conducted additional research, such as market studies and data analysis, to support strategic company decisions.

FLEX AGUASCALIENTES

IT Intern | June 2023 – December 2024

- Developed and maintained applications using C# and the .NET Framework, contributing to the continuous improvement of internal tools.
 - Provided technical support and resolved issues related to applications using SQL Server Management Studio (SSMS).
 - Collaborated closely with the team to ensure efficient application performance, enhancing operational efficiency.
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EDUCATION**UNIVERSIDAD AUTÓNOMA DE AGUASCALIENTES****B.S. in Computer Systems Engineering | 2019 – 2023**

Gained strong foundational knowledge in programming with C++, Java, and Python, along with project modeling and database management. Demonstrated technical proficiency in learning frameworks and tools related to data analysis.

**COURSES &
WORKSHOPS****MOBILE APP DEVELOPMENT****UNIVERSIDAD COMPLUTENSE DE MADRID & GOOGLE ACTIVATE | 2022**

Learned fundamental principles of mobile app programming and Android implementation.

SOFTWARE TESTER**FUNDACIÓN CARLOS SLIM | 2023**

Developed skills in planning and executing tests, bug identification and documentation, effective collaboration with dev teams, and ensuring software project quality.

FOUNDATIONS: DATA ANALYTICS**GOOGLE – COURSERA | 2024**

Completed an introduction to data analysis covering the core stages of the analytical process: asking questions, preparing, processing, analyzing, sharing, and taking action. Gained insights into the role of the data analyst, data types, and how to apply them to informed decision-making.

ASK QUESTIONS TO MAKE DATA-DRIVEN DECISIONS**GOOGLE – COURSERA | 2025**

Learned to apply a structured roadmap to solve problems in common data analysis scenarios. Reinforced the importance of structured thinking and developed hands-on skills using spreadsheets for efficient data entry, organization, and management.
