Daniel Alejandro Morales Castillo

+52 1-492-122-9796 | danielmoralescast@hotmail.com | danielalejandromoralescastillo@gmail.com
github.com/DanielMCastillo | linkedin.com/in/danielmcastillo | danielmcastillo.github.io

PROFESSIONAL SUMMARY

Software Engineer with experience in web development, database administration, and ERP process optimization. Passionate about data analysis and data engineering, with expertise in data modeling, transformation, and visualization to drive strategic decision-making. Solid understanding of the software development lifecycle, from analysis and design to implementation, maintenance, and continuous improvement. Skilled in developing efficient and scalable technological solutions.

EDUCATION

Bachelor's Degree in Software Engineering
Autonomous University of Zacatecas "Francisco García Salinas", Zacatecas, Mexico
August 2018 – December 2023

PROFESSIONAL EXPERIENCE

Junior Software Engineer | Artexa (Remote, Monterrey, NL)   Jul 2024 - Dec 2024
- Utilized Microsoft Dynamics 365 Business Central to efficiently manage key organizational processes.
- Developed custom extensions using AL language and optimized database structures.

Junior Software Engineer | LABSOL - COZCyT (Zacatecas, Mexico)   Ene 2024 - May 2024
- Developed the Planning System for COZCyT, integrating data registration, budget planning, projections, and event management.
- Technologies: Django, MySQL, Docker, Bootstrap.

Programming Intern | Flex (Guadalajara, Mexico)   Sep 2023 - Dec 2023
- Maintained industrial systems and databases.
- Developed Pokayokes and provided technical support to international teams (India - GBS).

Software Engineer Intern | LABSOL - COZCyT (Zacatecas, Mexico)   Sep 2022 - May 2023
- Led the development of an innovative technology project for the Zacatecas state government.
- Designed and deployed a cultural information platform for the Zacatecas Cultural Institute (IZC).
- Technologies: Django, MariaDB, Docker, Bootstrap, Google Maps API.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python (3 years), C, C++ (2 years), R (1 year).
- **Databases:** MySQL, MariaDB, SQL Server, PL/SQL, T-SQL (3 years), Db2.
- **Web Development:** Django, Bootstrap, HTML, CSS (2 years).
- **Tools & Technologies:** Docker, Git, GitHub, GitLab, Power BI (2 years), Microsoft Dynamics 365 Business Central (ERP), RStudio, Microsoft 365.
- **Operating Systems:** Linux, Windows, Mainframe z/OS.

EXTRACURRICULAR ACTIVITIES

Microsoft Learn Student Ambassador
- Organized projects and events to share and educate about key technology topics.
- Provided mentorship and collaborated with over 200 student ambassadors to expand community impact.

IBM zSystems Student Ambassador Captain
- Partnered with industry professionals to drive IBM community engagement.
- Speaker at IBM zDay 2022, presenting the session "IBM zStudent Contest Accelerator – Hands-On Technical Session in Spanish", reaching over 114 countries and 22,000 attendees worldwide.

Mentor en UAZ - Nivel Medio superior y Superior
- Taught students topics in computer science, flowcharts, and programming with Scratch.
- Assisted university students in calculus, databases, and programming.

Club de Programación competitiva UAZ
- Represented UAZ in the "Gran Premio de México ICPC" programming contests in 2019, 2020, and 2022.

CERTIFICATIONS & RECOGNITIONS

Certifications: Microsoft Certified Azure (AZ-900), Scrum Foundation Professional Certificate SFPC, IBM zSystems Global Student Explorer/Contributor, Agile Explorer, IBM zDay Speaker Advocate – 2022, Oracle Next Education graduado generación 3.
Courses & Badges : AWS Academy Graduate, IBM Z Xplore – Concepts/Advanced, Enterprise Design Thinking Practitioner/Co-Creator, IBM Agile Explorer, Interskill - Zowe Fundamentals, IBM Mainframe Application Programmer - Db2 V12 SQL Coding, Data Structures UC San Diego, IBM Data Science, Agile Software Development, y otros.