Rossembert Daniel Meza Ramirez

Electronics and Telecommunications Engineer | Software Developer

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PROFESIONAL PROFILE

Electronics and Telecommunications Engineer with experience in software development, specializing in Python, C#, and SQL databases. I stand out for my ability to design efficient and scalable solutions in Frontend/Backend environments, as well as my adaptability to new technologies. I seek to apply my technical skills in a backend development environment, contributing to the growth of innovative projects.

LABORAL EXPERIENCE

Jr Embedded Software Developer | **BOSCH** | Guadalajara, Jal. MX | mayo 2023 – mayo 2025.

- Validation, updating, implementation, and/or correction of calibration parameters for software operation.
- I performed CAL testing in virtual and laboratory environments (White Box) to ensure accuracy and compliance with specifications.
- Collaborated with multidisciplinary teams on the optimization of calibration processes.

Jr Embedded Software Developer | **Venteks** | Guadalajara, Jal. MX | agosto 2022 – marzo 2023

- Software development in C language using FreeRTOS and Bare Metal, from basic layers to controllers.
- Bug fixes, implementation, and code improvements.
- Implemented version control with GitHub and performed software testing to ensure quality and functionality.

ACADEMIC FORMATION

Bachelor's Degree in Electronics and Telecommunications Engineering - Universidad De La Salle Bajío | 2017 – 2021.

Basic English Certificate Level 2 - Universidad Virtual del Estado de Guanajuato | 2023.

Master's Student in Web Technologies and Mobiles - Universidad De La Salle Bajío | 2025 – On Going.

SKILLS

Technical

I'm a Professional with knowledge of object-oriented programming, database management and creation, and the fundamentals of web development.

- Programming languages: Python, C, C++, C#.
- Embedded Software Development: Debugging, code analysis, FreeRTOS, Bare Metal, MPU/MCU.
- Backend & Data Bases: SQL Server, Python (Flask), JavaScript (Node.Js), PHP.
- Software Tools: Git/GitHub, GitLab, Testing, Dockers.
- Web Development: HTML, CSS, Java Script.

Soft

Professional with clear communication skills and a collaborative mindset for multidisciplinary teamwork.

- Adaptability to new technological environments.
- Rapid learning and problem solving.
- Time management and organization.
- Critical thinking.

LANGUAGES

Spanish (native), English (B2 intermediate | experience working with international teams).