Rossembert Daniel Meza Ramirez
Ingeniero en Electrónica y Telecomunicaciones

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Professional Profile

Electronics and Telecommunications Engineer with software development experience, specializing in Python, C#, and SQL databases. Skilled in designing efficient and scalable backend solutions with strong adaptability to new technologies. Seeking to apply technical skills in a backend development role to contribute to innovative projects.

Academic Formation

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

Certificate of English basic level 2 - The Virtual University of the State of Guanajuato | 2023.

Certificate of Agile Project Management - Udemy | 2023.

Work Experience

Jr Embedded Software Developer | BOSCH | Guadalajara, Jal. MX | May 2023 – May 2025.
- Validation, update, implementation and/or correction of calibration parameters for software operation.
- Performed CAL testing in virtual and laboratory (White Box) environments to ensure accuracy and compliance with specifications.
- I collaborated with multidisciplinary teams in the optimization of calibration processes.

Jr Embedded Software Developer | Venteks | Guadalajara, Jal. MX | August 2022 – March 2023
- Software development in C language using Free RTOS and Bare Metal, from basic layers to drivers.
- Bug fixes, code implementation and improvements.
- Implemented version control with GitHub and performed software testing to ensure quality and functionality.

Jr Diagnostic Technician |JABIL | Guadalajara, Jal. MX | May 2022 – August 2022
- Analyzed PCB failures and generated quality control reports for Ericsson RF antennas.

Tecnical Skills

Professional with object-oriented programming concepts, database management and creation, and WEB development fundamentals.
- **Programming Languages**: Python, C, C++, C#.
- **Embedded Software**: Debugging, code analysis, FreeRTOS, Bare Metal, MPU/MCU (*Cypress, STM, TI, NXP*).
- **Backend & Data Bases**: SQL, Python.
- **Tools:** Git/GitHub, ágiles metodologies (Scrum).
- **Web Development:** HTML, CSS, PHP, Java Script.
- **IoT:** Implementation of web pages with microcontrollers.

Soft Skills

Professional with clear communication skills and a collaborative mindset for multidisciplinary teamwork.
- Adaptability to new technological environments.
- Fast learning and problem solving.
- Time management and organization.
- Critical thinking.

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