

ROBERTO RAMSES MATA HERNANDEZ

Software Developer

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RamMaths

Saltillo, Coahuila, Mexico

LinkedIn

EDUCATION

Computer Systems Engineering

Instituto Tecnológico de Saltillo

2020 - 2025

Computer Engineering

Dongseo University

2023 - 2023

(1 semester exchange)

PROFESSIONAL EXPERIENCE

Web Developer Intern

Espiral Sistemas

2023

LANGUAGES

Spanish

English

Korean

About me

I am a passionate coder and self-learner with strong problem-solving abilities. As a good teammate with excellent communication and writing skills, I adapt swiftly to new environments and thrive in collaborative settings.

Through my journey as a student I won the GKS scholarship to study abroad in South Korea. This experience gave me the chance to get technical skills but even more importantly this helped me out improving my soft skills such as communication, adaptability to new environments, problem solving, team work and more.

I am member of the AWS User Group Saltillo.

Technical skills

- Databases
 - PostgreSQL
 - Oracle
- Cloud
 - AWS Associate Level
- Programming Languages
 - Rust
 - Javascript
 - Node.js
 - Java
 - Bash
- Protocols
 - HTTP/HTTPS
 - TCP/IP
- Microcontrollers
 - Esp32 (xtensa and RISC-V architectures)
- Frameworks and Libraries
 - Actix-web
 - React
 - Bootstrap
 - Express.js
- Linux
- Docker
- HTML/CSS
- Godot Engine

Projects

I am currently working on three personal projects, you can find more information on my Github.

- **Email-newsletter:** Cloud native backend application built with actix-web framework with a PostgreSQL database, all this containerized with docker and deployed to DigitalOcean (Cloud Provider).
- **Slime 2D game:** 2D platform game built with the Godot Engine, and gdnative, an interface between the godot engine and bindings for the Rust Programming Language.
- **IoT - Container Management:** IoT Esp32 project, that monitors a container using an ultrasonic sensor and acts as an https client to send information to a cloud service using the ESP-IDF Framework and the Rust programming language for the esp32 firmware. I participated on an Oracle Cloud Academy Challenge with this project.