

Humberto Emmanuel Rosales Martínez

Fullstack Developer | Mobile and Web Developer

Aguascalientes, Mexico | hemmanuelmtz777@gmail.com | 449 371 4565 | lewiek.dev |
github.com/Emmanuel-Mtz-777

Profile

Fullstack Developer with experience in developing web and mobile applications, building REST APIs, and integrating third-party services. I have contributed to projects focused on data synchronization, IoT systems, and tools designed to solve real-world problems, using technologies such as React, React Native, Spring Boot, Node.js, and Docker. I am passionate about building scalable software, following software engineering best practices, and continuously expanding my technical knowledge.

Experience

Mobile Frontend Developer, Swopyn Business Software Solutions – Aguascalientes, Mexico Jan 2025 – Feb 2026

- Development and maintenance of mobile features using React Native for administrative applications
- REST API integration with data synchronization, state management and error handling
- Development of reusable logic using custom hooks and modular components
- Participation in maintenance of existing codebases and implementation of new features
- Collaboration in development workflows using Git and version control

IoT Prototype Developer — Acustia, Instituto Tecnológico de Aguascalientes – Aguascalientes, Mexico Dec 2023 – Dec 2024

- Development of an IoT smart home prototype focused on accessibility for deaf people
- Linux service configuration and administration using Raspberry Pi
- Process automation and communication between devices using JavaScript
- Integration of hardware and software components for real-time monitoring and control
- Application of fuzzy logic for adaptive automation and decision-making

Projects

- Sales API — RESTful API developed with Spring Boot and MySQL, implementing layered architecture, JPA, DTOs, validations, centralized error handling, pagination, dynamic filtering, endpoint documentation with Scalar and deployment using Docker
- Meet2go — Cross-platform mobile application developed with React Native, Node.js and Supabase, including authentication, data synchronization, event management and real-time chat using microservices
- C-Ita — Backend and service development using Node.js, Express and MySQL for an academic social network, implementing authentication, data handling and communication between mobile applications and external services
- Spotify Insights with Elasticsearch — Data analysis environment using Elasticsearch, Kibana, Docker and Jupyter Notebooks for exploration and visualization of Spotify datasets

Education

Instituto Tecnológico de Aguascalientes, in bachelor's degree in information and Communication Technologies – Aguascalientes, Mexico

2021-2026

Certifications

- Linux Unhatched — Cisco & NDG Linux Essentials
- CCNA: Introduction to Networks
- CCNA: Switching, Routing, and Wireless Essentials
- Introduction to Data Science
- Network Security
- CCNA: Enterprise Networking, Security, and Automation

Skills

Frontend: JavaScript, TypeScript, HTML5, CSS3, React, React Native, Vue.js, Astro, Tailwind CSS

Backend: Spring Boot, JPA, Node.js, Express, Laravel, REST APIs, arquitectura por capas, DTOs, Redis

Infrastructure & DevOps: Docker, Linux, GitHub Actions, Netlify, Heroku

Databases: MySQL, SQLite, MariaDB, Elasticsearch

Tools: Git, GitHub, Postman, Swagger/OpenAPI, Figma

Languages

- Spanish — Native
- English — B1