JOSE VILLARROEL

DESARROLLADOR FULLSTACK

CONTACT INFORMATION

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PROFILE

IT Technician & Aspiring Developer Dedicated to continuous improvement and staying current with modern tech stacks. Strong communicator and proactive problem-solver focused on high-quality delivery. Currently studying Computer Engineering and actively building personal projects to sharpen my software development expertise.

EDUCATION

IT Technician

2017-2023

Certified in hardware maintenance, operating systems management, and network

Bachelor of Science in Computer Engineering

2024…Present

Currently focusing on software architecture, advanced algorithms, and system integration.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (React.js, Node.js, Vite), Python (Flask).

Database Management: SQL (MySQL), Database Design & Administration.

Cloud Services: AWS (EC2, S3, RDS)

DevOps & Infrastructure: Docker, AWS, Network Administration, OS Management.

Methodologies & Soft Skills: Agile Methodologies (Scrum/Kanban), Complex Systems Architecture, Analytical Problem-Solving.

EXPERIENCE

Link Shortener

2025

Developed a full-stack link shortening application featuring a secure authentication system using **JWT**. Built the frontend with **React.js,** the backend with **Node.js,** and utilized **MySQL** for robust database management.

Github: https://github.com/villarroelsaad/Acortador_links

IA CHAT BOT

2025

Designed and deployed a containerized chatbot application. Developed a **Python** (Flask) backend encapsulated in **Docker** to interact with **Google GenAI (Gemini)**. The system includes a **React + Vite** frontend and features a fallback logic for local testing without API dependencies.

Github: https://github.com/villarroelsaad/IA-chat

Sales Management System

2026

Engineered a comprehensive sales platform integrated with **PayPal IPN** for transaction processing. Developed using **React, Node.js, and MySQL**, the system includes role-based access control (Admin/User) and a centralized dashboard for managing customers, sales, and publications.

Github: https://github.com/villarroelsaad/web/tree/main