

# Joams Mogro

## Full Stack Developer

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## Summary

Expert Full Stack Developer skilled in JavaScript technologies with experience in creating web applications using Angular, Node.js, and NestJS. Specialized in developing RESTful APIs, microservices patterns, and optimizing SQL databases. I have worked with multidisciplinary teams and implemented best practices in authentication, automated testing, and efficient data model design. I have also ventured into AI development to enhance the final product.

## Experience

### Full Stack Developer

*Clínica Dental Rivera · 01/2025 – 06/2026*

I designed, developed, and optimized two non-clinical internal systems focusing on information management and communication, utilizing Angular and NestJS, with an emphasis on PostgreSQL database efficiency.

- Developed a platform that allows users to create diagrams, tasks, documents (formatted or unformatted), manage personnel, and generate reports, incorporating features similar to Miro, Notion, and Trello.
- Built a CRM to manage WhatsApp conversations, integrating an automated bot with n8n for auto-responses and transfers to human agents, supporting multiple agents and simultaneous conversations.
- Improved the PostgreSQL database schemas and proposed adjustments to optimize query performance.
- Implemented JWT authentication and role-based authorization to safeguard data.

### Full Stack Developer

*Freelance · 01/2022 – Present*

I designed and developed web applications, applying Angular, Astro, Node.js, and NestJS, focusing on backend and frontend architectures, as well as SQL database optimization.

- Developed web applications prioritizing maintainability and future growth.
- Built and consumed RESTful APIs, managing data flows between the frontend and backend.
- Optimized SQL databases through complex queries and efficient schemas.
- Applied microservices patterns and design principles in the backend for modularity.
- Designed web pages with SEO optimizations.
- Conducted automated testing and adjustments to improve software quality.

### Full Stack Developer

*Centro Boliviano Americano · 01/2022 – 12/2022*

I developed project management systems using Angular, NestJS, and PostgreSQL for planning, monitoring, and reporting initiatives.

- Developed a comprehensive project management system that facilitated coordination among teams.
- Designed RESTful APIs for task planning, tracking, and reporting generation.
- Implemented role-based authentication and authorization for secure access to sensitive information.
- Incorporated features for resource allocation and tracking projects across multiple departments.

## Skills

Languages and Frameworks: JavaScript, TypeScript, React.js, Angular, Astro, Node.js, Express, NestJS, APIs RESTful

Databases: SQL, PostgreSQL, Prisma

Tools: Git, Docker, Swagger, Claude code, Opencode

Styling: TailwindCSS

## Education

**Bachelor's Degree in Computer Engineering – Universidad Autónoma Juan Misael Saracho**

*01/2014 – 01/2022*

**Certificate of Competence in English – Centro Boliviano Americano**

## Certifications

Angular: From Zero to Expert – Udemy

The Complete JavaScript Course 2022: From Zero to Expert! – Udemy

NestJS: Scalable Backend Development with Node – Udemy

Node.js: From Zero to Expert – Devtalles

React: From Zero to Expert (Hooks and MERN) – Udemy

Advanced CSS3 Course – Udemy

Zustand: State Management for React – Devtalles

Docker: Practical Guide for Developers – Devtalles

OpenCode: Complete Guide for Software Developers – Devtalles

Prompt Engineering: For Real Life – Devtalles

Claude Code: Complete Guide for Software Developers – Devtalles

## Projects

### Diagram and Document Management Platform – Developer

*Angular, Nestjs, PostgreSQL*

System for Clínica Dental Rivera that allows users to create diagrams, tasks, formatted and unformatted documents, manage personnel, and generate reports, integrating functions similar to Miro, Notion, and Trello.

### Job Search Assistance Platform – Developer

*Angular, Nestjs, PostgreSQL, Prisma, Docker, OpenAi API*

Intelligent platform to analyze professional profiles and job offers, compare compatibility, and generate resumes, cover letters, and tailored content for each application, optimized for ATS while maintaining a natural and authentic language.

### Document Processing and Analysis Platform with AI – Developer

*Angular, Nestjs, PostgreSQL, Prisma, Docker, OpenAi API*

Smart Document Analysis Platform: application using artificial intelligence to process documents, extract relevant information, generate summaries, and facilitate queries about their content.

## Languages

Spanish (C2)

English (B2)