Michael González

Backend Developer | Web Developer

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PROFILE

Systems Engineer with a focus on backend development. I have hands-on experience with technologies like NodeJS with Express, TypeScript, SQL, NoSQL, and Git, which equips me to contribute effectively to agile projects using the Scrum framework. I'm proactive, detail-oriented, and adaptable, allowing me to tackle challenging situations and work efficiently within teams. I communicate effectively and empathetically in both Spanish and English, which helps me thrive in diverse environments. I'm looking for a Backend Developer role where I can apply my skills and continue growing professionally in web development.

EDUCATION

Systems Engineer   **Jan/2019 - Aug/2024**
San Buenaventura University, Bogotá

Full Stack Web Developer (Bootcamp)   **Mar/2024 - Jul/2024**
BIT - Bogota Institute of Technology

WORK EXPERIENCE

Banco Popular   **Feb/2023 - Aug/2023**
Backend Developer Trainee

I worked as a developer at Banco Popular's Digital Lab, leading an initiative that used Artificial Intelligence and Language Models to guide bank staff on methodological topics through a chat channel. I implemented Object-Oriented Programming and clean architectures to create an efficient and scalable solution following the Scrum methodology.

- Developing a backend application using NodeJS and Express, integrating with the WhatsApp API for automated message handling.
- Applying hexagonal architecture principles and clean code practices to ensure the application's scalability and maintainability.
- Leveraging the OpenAI API for generating responses to messages using artificial intelligence and Large Language Models (LLM) with Langchain and a vector database with Pinecone.

PROFESSIONAL EXPERIENCE

DNO - Data Network Overlock

DNO is a project that consists of an application to find vulnerabilities over a network system. Among its components, it has a REST API developed with NodeJS. Express and Typescript to manage a relational database. It is designed following the hexagonal architecture principles and the ports and adapters pattern.

- Exposes the necessary endpoints for the client apps.
- Follows the SOLID principles.

MSA - Gaming components e-commerce
Bogotá Institute of Technology

A web application for an e-commerce platform specialized in the sale of gaming computer components. It features a frontend built with Angular and Bootstrap, a backend developed with NodeJS and Express, and a non-relational database powered by MongoDB.

- Products and shopping cart pages.
- User management, authentication and admin panel.

OTHER

- Technical skills: Javascript, Typescript, NodeJS, Express, HTML, CSS, Bootstrap, Angular, SQL, NoSQL, MongoDB, Git, API REST, SCRUM, Linux.
- Soft skills: Adaptability, proactivity, detail-oriented, empathy, team work, communication.
- Languages: Spanish (native), English (B2).