David Alejandro Gómez Ramírez

Backend Developer

Contact

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Professional summary

I'm a backend developer with more than two years of experience in JavaScript, TypeScript, NestJS, Node.js and Python. I specialize in automating tasks, integrating systems and managing databases (SQL and SQL Server), as well as responsive design and layout. I've led front-end and back-end web projects using Scrum and Git Flow, standing out for my leadership, assertive communication and commitment to optimal results. I'm proactive, a self-directed learner, with a strong sense of responsibility and a team-oriented mindset.

Work experience

SAEM Colombia S.A.S. – Backend Developer — Present

I implement and maintain web integrations with Node.js, TypeScript, CMSs and databases, refactoring and optimizing modules to ensure scalability and high performance. I also develop architecture and secure REST APIs, and design Python automations that improve the efficiency of internal processes and the interoperability of existing and future applications.

Mario Hernández S.A.S. – Integrations Analyst

I led web application development projects, on both the front end and the back end, using technologies such as Laravel, JavaScript, Bootstrap and SQL Server. I designed and managed APIs, and developed data migration processes between web applications and SQL Server using Python. I also developed basic implementations in applications using Flutter. In addition, I automated key company processes in the design and production area, created optimized queries and views for the sales, commercial and accounting areas, and documented existing projects to improve the organization and efficiency of the technology area.

Mario Hernández S.A.S. – Development Intern

During my professional internship, I developed and implemented projects to integrate and automate administrative processes using Python. My responsibilities also included optimizing Node.js code and APIs to manage and migrate data from Microsoft Dynamics to SQL Server, contributing significantly to the efficiency of operations.

Skills

Languages: Python, JavaScript, TypeScript
Backend: NestJS, Express, FastAPI, Flask, Hono
Data and messaging: PostgreSQL, MySQL, SQL Server, Redis, Kafka, Temporal
Frontend and mobile: Astro, React, Preact, Angular, Ionic, Tailwind CSS
CMS: WordPress, Strapi, Joomla
AI and agents: Claude, Claude Code, MCP, LangChain, LangGraph, n8n

- **Orchestration:** LangChain, LangGraph
- **Models:** Claude model suite (Anthropic)
- **Agents and MCP:** Claude Code as a development agent; building and configuring MCP servers; creating and using skills

Quality and cloud: Vitest, Playwright, Docker, Cloudflare, GitHub Actions
Project management: Scrum, Jira, Planner, GitLab, Git Flow

Education

Escuela Tecnológica Instituto Técnico Central

Professional Technician in Computing — 2021 – 2023
Technologist degree in Software Development — 2024 – 2027
Systems and Software Development Engineering — 2021 – Present

SENA

Technician in Administrative Assistance

Certifications

- Claude Cowork — Platzi, November 2026
- Testing and code review with AI — Platzi, October 2026
- Low-code automations with n8n — Platzi, August 2026
- End-to-end testing for REST APIs with Node.js — Platzi, August 2026
- Chatbot development with OpenAI — Platzi, August 2026
- OAuth 2.0 and OpenID Connect: authentication flows and case studies — Platzi, July 2026
- NestJS: modular programming — Platzi, May 2026
- Claude Code — Platzi, May 2026
- Advanced Python for project architecture and PyPI — Platzi, February 2026
- OWASP Top 10: application risks — Platzi, February 2026
- Claude FABLE 5