Miguel Angel Holguin Gonzalez

BACKEND DEVELOPER · CLOUD ENGINEER

Envigado, Colombia · (+57) 301 355 6613
LinkedIn · GitHub

PROFESSIONAL PROFILE

Backend Software Engineer with over 6 years of experience designing and implementing scalable architectures, payment gateways, and high-traffic transactional systems in the Fintech and SaaS sectors. Proficient in the Node.js ecosystem, TypeScript, C#, Java, resilient API design, and optimization of relational and non-relational databases, backed by solid DevOps practices, Docker, CI/CD, and deployments on AWS and GCP.

WORK EXPERIENCE

Backend Developer — Mercado Libre
Sep 2024 – Oct 2026 · Medellín

- Led the migration of key financial providers in Mexico and Brazil, decoupling legacy services and integrating new high-availability credit card gateways under strict security and operational continuity standards.
- Designed and implemented end-to-end the comprehensive payment module for Argentina, enabling multi-currency flows (local currency and USD), financial logic for USD reversals, and automated reconciliations.
- Optimized data extraction and analysis in high-traffic production databases, executing low-impact queries to support financial audits and critical business reports.
- Resolved and mitigated critical incidents in the payment flow, eliminating recurring failures from the root cause through code refactoring and improvements in production infrastructure.

FullStack Developer — Q10
Sep 2023 – Sep 2024

- Designed and implemented RESTful APIs and end-to-end modules for the core web platform, standardizing integration conventions and technical documentation across microservices.
- Diagnosed and resolved high-priority production incidents in frontend and backend environments, improving system stability and response times for clients.

Backend Lead — Soluntech
Nov 2022 – Mar 2023

- Defined software architecture, design patterns, and engineering standards for the backend team, implementing automated test suites to elevate delivery quality.
- Managed cloud infrastructure and deployments, ensuring high availability, monitoring, and operational stability of applications.

Backend Developer — Tres Astronautas
Aug 2021 – Aug 2022 · Medellín

- Designed and developed the database and API for a logistics application using dimensioning hardware to measure packages.
- Deployed applications on AWS utilizing Docker containers and establishing CI/CD pipelines.

Backend Developer — PolygonUs
Aug 2020 – Aug 2021 · Medellín

- Designed the backend architecture and database for an education platform with a concurrent capacity of +1,000 active users per cycle.
- Configured cloud infrastructure and services on AWS, deploying APIs and storage optimized for interactive data analytics.

EDUCATION & CERTIFICATIONS

Associate Cloud Engineer — Google Cloud 2026
Performance Hands-on — Mercado Libre 2025
Backend Development with JavaScript — Platzi 2021
MongoDB Basic Course — Platzi 2021
Software Programming Technician — SENA 2017

LANGUAGES

Spanish (Native)
English (Technical / Professional)