

Miguel Bogota

Senior Software Engineer | AI Systems & Full Stack Architect

✉ miguelbogotadev@outlook.com

☎ +57(319) 702-9889

🏠 miquelbogota.dev

🔗 github.com/miquelbogota

Relevant Experience

Senior Software Engineer @ Mercado Libre

Ago 2022 – Present // Bogotá, CO

- Led development of high-impact features for seller reputation systems in a large-scale distributed architecture.
- Designed and implemented scalable frontend and backend systems supporting millions of users.
- Contributed to AI-driven product initiatives, including:
 - Integration of data-driven decision systems and intelligent recommendations
 - Exploration of LLM-based enhancements for seller insights and automation
- Collaborated in defining architecture patterns aligned with microservices and cloud-native principles.
- Improved system reliability through monitoring, performance optimization, and testing strategies.

Senior Full Stack Developer @ Newton Vision Corp

Mar 2022 – Ago 2022 // Bogotá, CO

- Built and maintained modern frontend and backend features using Angular and .NET.
- Delivered production-ready solutions with strong attention to performance and structure.
- Worked closely with cross-functional teams to translate requirements into scalable implementations.

Senior Full Stack Developer @ On Watch Us

Mar 2021 – Mar 2022 // Texas, US

- Led development of a cross-platform application used in real-time port operations.
- Built core product functionality using Flutter with a focus on reliability and usability.
- Acted as technical lead in planning, estimation, and direct communication with stakeholders.

Senior Full Stack Developer @ Newton Vision Corp

May 2020 – Mar 2021 // Bogotá, CO

- Led a full-stack accounting platform using React, Node.js, and AWS.
- Designed integrations with legacy systems, including QuickBooks, to ensure data continuity.
- Provided technical guidance directly to clients throughout the project lifecycle.
- Established automated testing practices using Cypress to improve product reliability.
- Reviewed code changes and enforced quality standards across the development team.

Skills

Programming Languages

JavaScript (ES6), TypeScript, HTML, CSS/Sass, GraphQL, Dart, Swift, Kotlin, Java, C#, Rust, Go.

AI / Data

- LLM Integration (OpenAI APIs)
- RAG Architectures (conceptual + applied)
- Embeddings & Semantic Search
- Prompt Engineering
- Data Processing Pipelines

Libraries & Frameworks

React, Next.js, Node.js, Angular +2, Redux, Recoil.js, Flutter, .NET, Spring Boot, Material UI, Storybook, Styled Components, Vite, Prisma, Jest, Unit Testing, Cypress, Playwright.

Tools & Platform

Git, Gulp, Webpack, Contentful, Docker, Firebase, Vercel, Jira.

Design

Figma, Sketch, Accessibility, Atomic Design.

Architecture

Microservices, Distributed Systems, RESTful/gRPC/GraphQL APIs, Cloud-native design

Projects (Personal Exploration)

AI-Enhanced Applications

Built prototypes integrating LLMs for conversational interfaces and automation workflows. Experimented with RAG pipelines using embeddings + document retrieval.

Crypto June

React Native app using CoinGecko API for real-time crypto tracking.

PonsdHive

Next.js + Prisma platform for port operations, designed with scalability and extensibility in mind.