

# Miguel Borja di Filippo

Senior Software Developer

✉ me@miguelborja.com     linkedin.com/in/miguel-borja-di-filippo-163764b5

 github.com/closesim     blog.miguelborja.com

Barranquilla, Colombia 🇨🇴

---

## About Me

Senior Software Developer with a forward-looking mindset and a passion for building robust, end-to-end software solutions. Beyond writing clean code, I focus on systems design, cloud architectures, and exploring how modern AI technologies can be integrated to build smarter applications. I thrive on collaborating to solve complex technical challenges and continuously learning to adapt to the evolving tech landscape.

---

## Technical Skills

### | AI & INTELLIGENT SYSTEMS

 AI Integration     OpenAI     Gemini AI     Claude Code     OpenCode

### | LANGUAGES & CORE DEVELOPMENT

 Node.js     TypeScript     Java     Go

### | FRAMEWORKS & LIBRARIES

 Next.js     Spring Boot     Redux.js     RESTful APIs

### | CLOUD, DATA & ARCHITECTURE

 AWS     Docker     PostgreSQL     Oracle DB     Kafka     Microservices

---

## Professional Experience

## **Backend Developer (tyba)**

July 2022 – June 2023

- Developed APIs and backend services for a serverless infrastructure on AWS, enabling users to invest in Mutual Funds through the main mobile application.
- Engineered key serverless features and integration paths for the TybaPro portal, supporting client onboarding and transactions in Colombia, Chile, and Peru.
- Utilized Node.js, TypeScript, Docker, PostgreSQL, and AWS services to build robust, high-performance, and scalable financial backend systems.

Node.js

TypeScript

Docker

PostgreSQL

AWS

## **Technical Lead – Logistics (Rappi)**

July 2021 – July 2022

- Spearheaded the architecture and development of an optimized user time-slot system in CPG (Consumer Packaged Goods) to balance courier-to-picker distribution across 9 Latin American countries.
- Architected high-availability services to support user demand and meet key product performance indicators (KPIs).
- Led and evaluated team performance, interviewed potential candidates, and mentored engineers to support organizational growth.
- Estimated delivery times for core production features while managing technical risk and system quality.
- Partnered with cross-functional Tech Leads and contributed to broader company-wide engineering initiatives.

## **Backend Developer – Shopper Algorithms (Rappi)**

July 2019 – July 2021

- Engineered core components and APIs to optimize picker and in-store courier resource distribution using a dynamic time-slot scheduling system.
- Developed and maintained features for a lever-based demand control system to stabilize order flow during peak hours.
- Leveraged real-time order tracking to evaluate and regulate user demand via high-throughput event streaming.
- Authored highly concurrent, event-driven microservices in Go and Node.js.
- Monitored and debugged microservices in production environments using logs and performance metrics.
- Collaborated with QA teams to test and verify new features, ensuring software quality.
- Created deployment and implementation strategies for seamless feature roll-outs across multiple operating countries.
- Provided tier-3 technical support and maintenance for deployed production components.

Node.js

Go

Apache Kafka

PostgreSQL

Jira

Docker

AWS

Microservices

## Java Developer (I2B Technologies)

Dec 2017 – July 2019

- Developed Java components based on client requirements and standards, including design patterns, security, auditing, and naming conventions, collaborating with a remote leadership team in Peru.
- Assisted in requirements acquisition and translated them into technical specifications.
- Authored testable, high-quality, and maintainable code to minimize technical debt.
- Added features and extended functionalities in existing enterprise business code.
- Interviewed potential candidates to help build and scale the development team.
- Developed REST-oriented microservices using Mybatis, Java, Node.js, and Oracle databases, integrating with AWS.
- Integrated and developed a wide array of REST and SOAP services for enterprise data exchange.
- Integrated web templates with JSF and Spring MVC based on specified user interface flows.
- Interacted with and configured cloud resources and services on AWS.
- Utilized enterprise tools including Jira, Bitbucket, Bamboo, and GitLab for agile collaboration and CI/CD.
- Leveraged core Spring modules to build secure, modular, and robust business applications.
- Deployed key deliverables for a major telecommunications company in Latin America.

Java

Node.js

Mybatis

AWS

Microservices

## Software Developer (La Cívica Impresores S.A.S)

Oct 2015 – Aug 2017

- Performed full-stack development of various modules and features for an enterprise support web application in Java, incorporating security, auditing, and usability constraints based on ISO 27001 and API documentation from RUNT.
- Built backend services for secure password and user account management.
- Secured and handled SOAP messages to ensure reliable and confidential data communication.
- Developed usability-oriented web templates and rapid designs using Bootstrap and JSF.
- Created a logging and auditing module to track critical business logic operations.
- Modeled and implemented database schemas in Oracle DB using Hibernate.
- Applied common Java design patterns to ensure clean, maintainable, and modular code.
- Executed on-site deployment and provided hands-on support during release.
- Incorporated OWASP Top Ten guidelines to ensure application security and prevent web vulnerabilities.
- Steered the application through successful R&Y testing and verification in August 2017, leading to a successful production deployment.

Java

JSF

Spring MVC

Hibernate

Oracle DB

Bootstrap

SOAP

## Courses, Certifications & Education

---

### Introduction to Next.js

Issued Dec 2025

Coursera

Credential ID: BHXEFL100HJH

### Meta React

Issued Dec 2025

Meta

Credential ID: U4EFJPCTB3KS

### Redux in JavaScript and React

Issued Dec 2025

Scrimba

Credential ID: K2QHF8N8VEMR

### AWS Cloud Solutions Architect Specialization

Issued Oct 2025

Amazon Web Services on Coursera

Credential ID: S6WKL3RN9DWC

### Financial Markets

Issued Nov 2023

Yale (Coursera)

Credential ID: ZUWZSWYPT7Q7

### AWS Developer: Deploying on AWS

Issued Dec 2019

edX/AWS

Credential ID: dd1c7bef57c843b093d047b3f1534d69

### Building Scalable Java Microservices with Spring Boot and Spring Cloud

Issued Apr 2019

Coursera

Credential ID: 9U4XD7ZA8MUN

### Diploma in Software Design

2017

Universidad Simón Bolívar

## **Systems Engineer**

2012 – 2017

Universidad Simón Bolívar