

Miguel Ángel Blandón Montes

Full Stack Developer & Systems Administrator

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PROFILE

Programming since September 2022. I build and deploy complete web and mobile applications, from database design to the production server: more than 30 websites deployed and more than 80 services and applications delivered. I study Software Development Technology, I'm an apprentice at IAS Software, and I manage my own Ubuntu servers.

EXPERIENCE

Software Development Apprentice · IAS Software — Oct 2026 – present
Work placement for my degree, under an apprenticeship contract. Medellín.

Freelance Web Developer & Systems Administrator · Self-employed — Mar 2026 – present

- Websites for restaurants, law firms, e-commerce and institutions, deployed on Hostinger or on my Ubuntu server with Nginx, domains and SSL.
- SSH hardening with port changes, public keys and IP restrictions.
- Maintenance and monitoring automated with Bash.
- Deployment of Spring Boot backends with MariaDB, with REST APIs documented in Postman.

Freelancer · Workana — Current · per project
Projects for clients hired through the platform.

Head of Development and QA · Abogados en Colombia S.A.S. — Jun 11 – Aug 11, 2026
Independent contractor.

Logistics Assistant · Novo Plus S.A.S.
Experience in operations and logistics.

PROJECTS

Ticket Order — In production
Multi-company SaaS for logging bugs with evidence, with roles, invitations, push notifications and OTA updates.
`Expo · React Native · Next.js · Supabase (Postgres, Auth, RLS, Storage) · EAS Update`

Adulto Funcional — In production · team of 5
Personal finance, calendar and encrypted password manager. Main lead, Scrum Master and developer.
`Spring Boot 3 · Clean Architecture · JWT · Argon2 · MariaDB · Flyway · React Native · Expo Router`

Auto-Gmail-code — Backend 1.0
API for managing several Gmail accounts through OAuth, with encrypted tokens, security alerts and auditing.
`Node.js · TypeScript · Express · Zod · PostgreSQL · Prisma · AES-256-GCM · Vitest · Supertest`

The All Seeing Eye — Preparing V1
Corporate network auditing: agent for Linux and Windows, central backend and multi-company forensic evidence CLI.
`Python · FastAPI · PostgreSQL · SQLAlchemy · Alembic`

Ubuntu Server Homelab — Running
Microservices, 2 private Minecraft servers, 1 GTA 5 server and a NAS I rent out to graphic designers.

Gestor Ventures — Academic · team of 2
Android app for running a business: 41 user stories and 20 entities. Scrum Master, QA and backend developer.
`Kotlin · Jetpack Compose · Room · Firebase Auth · MVVM + Repository`

SKILLS

Languages
Java, Kotlin, Python, JavaScript, TypeScript, SQL, Bash

Frontend and mobile
React, Next.js, Vite, Angular, Android, Jetpack Compose, React Native, Expo

Security
JWT, Argon2, OAuth 2.0, AES-256-GCM, SSH hardening

Testing and tools
JUnit 5, Mockito, Vitest, Supertest, Postman, Git, GitFlow

Backend
Spring Boot 3, JPA, Spring Security, Node.js, Express, Zod, FastAPI, REST APIs

Data
PostgreSQL, MariaDB, MongoDB, Room, Supabase, Firebase, Prisma, SQLAlchemy, Flyway, Alembic

Infrastructure
Ubuntu Server, Nginx, SSL, Docker, Traefik, systemd, Hostinger

Architecture
Clean Architecture, MVVM + Repository, N-tier, feature-based

EDUCATION

Software Development Technology
Universidad Católica Luis Amigó · 2025 — present · 4th semester

Programming in Python ↗
Universidad de los Andes · Coursera · Oct 2023

Java Programming ↗
Great Learning · Feb 2026

LANGUAGES AND REFERENCES

Native Spanish. Technical English: reading and code documentation.

References available on request.