Edgar Alexander Matos Rivera

Montería, Córdoba, Colombia · Open to remote work
19matos96@gmail.com · +57 301 114 8651 · edgarmatos.dev · linkedin.com/in/matosr96 · github.com/matosr96

SUMMARY

Full-stack developer with 4+ years shipping software to production end to end. I cover a product's whole surface: TypeScript and Node.js APIs on PostgreSQL, React and Next.js front ends, native iOS (SwiftUI) and Android (Kotlin, Jetpack Compose) apps, and the AWS infrastructure and CI/CD that run them. My recent work centres on bringing LLMs into real products with what it takes to run them: cost control, per-customer limits and failure monitoring.

SKILLS

Languages: TypeScript, JavaScript, Swift, Kotlin, SQL
Backend: Node.js, Fastify, Express, REST APIs, JWT, web scraping
Frontend: React, React Router, Redux, Next.js, Vite, CSS Modules, Tailwind CSS
Mobile: SwiftUI, Jetpack Compose, React Native
Databases: PostgreSQL (Drizzle), MongoDB
Cloud & AI: AWS (EC2, RDS, SES), Vercel, Gemini on Vertex AI, OpenAI
Practices: CI/CD with GitHub Actions, automated deployment
AI-assisted development: Claude Code (agent workflows, subagents, custom skills, per-repo conventions)

PROFESSIONAL EXPERIENCE

Orienta — Full-Stack Developer

Bogotá, Colombia (Remote) · Nov 2024 – Present · part-time until Aug 2025

- Sole developer of an AI student-retention platform for universities: API, institution backoffice, operations console, mobile apps and infrastructure. In pilot with a university, with 500+ users.
- Built four native apps — student and teacher, each on iOS (SwiftUI) and Android (Kotlin, Jetpack Compose) — developed in parallel. All four are live on the App Store and Google Play; 150+ iOS builds shipped.
- Shipped real-time voice with Gemini Live on both platforms, chat with streamed responses, and offline QR attendance.
- Built the API on Fastify and PostgreSQL: 35 modules, 220+ SQL migrations and about 3,700 automated tests.
- Integrated Gemini (Vertex AI) with per-call cost tracking, budgets and limits per institution, and alerts when the service fails.
- Run production on AWS (EC2 and RDS) with automated deployment from GitHub Actions and a check after every deploy.
- Work agent-first with Claude Code since April 2026, with per-repo conventions, custom skills (e.g. TestFlight releases) and subagents; tests and CI are the check on what the agent produces.
- Automated the ingestion of Colombia's national higher-education catalogue: 390 institutions and 31,800 programmes.

Peta Consulting — Full-Stack Developer

Chile (Remote) · Oct 2024 – Aug 2025

- Built web applications with Next.js and React for international clients.
- Supported and maintained the SaaS of Somarlox, a Chilean company, built with Express and React, in a team of 4 developers.

Nevobit S.A.S — Full-Stack Developer

Medellín, Colombia (Remote) · Dec 2021 – Oct 2024

- Built landing pages and SaaS products for the company's clients, and contracted features on existing products.
- Started as a front-end developer with React (hooks, React Router, Redux, CSS Modules), first in JavaScript and then TypeScript, and was promoted to full-stack.
- Built Node.js APIs with Fastify, TypeScript and MongoDB, and cross-platform mobile apps with React Native.
- Administered production infrastructure on AWS.

SELECTED PROJECTS

Aplyra — ATS-optimised CV generator and analyser, in TypeScript. Works with OpenAI or Gemini and rejects any CV that adds experience, education or skills missing from the original. github.com/matosr96/Aplyra

CleanMyOwn — Native macOS cleaner in Swift and SwiftUI: memory and CPU monitoring, duplicate-file detection, and cleanup with administrator rights scoped to the session. github.com/matosr96/CleanMyOwn

Plazo — Native Android app on Google Play (dev.matos.plazo): alarms for assignment deadlines on Universidad de Cartagena's Moodle (unofficial client). Kotlin and Jetpack Compose, with data available offline; includes an API and web admin panel.

EDUCATION

Universidad de Cartagena — B.Sc. Software Engineering

Aug 2022 – Aug 2027 (expected) · 9th semester

Tecnológico San Agustín — Technical Degree in Systems and Networks

Jan 2018 – Nov 2020