

David Gavilanez

Team Lead & Senior Full-Stack / Mobile Developer

📍 Guayaquil, Ecuador ✉ hello@davicho.dev 📞 +593 98 434 1592
🌐 LinkedIn 🐙 GitHub 🌐 Website

Professional Summary

Team lead and Full-Stack developer with over 10 years of experience in logistics, fintech, e-commerce, and real estate. I design and ship web (React, Next.js), mobile (Flutter, React Native), and backend (NestJS, Spring Boot) systems on AWS. Recent results: reduced backend response time by 35% on a mobility platform, improved offline sync performance by 50%, reached over 90% test coverage on critical components, and cut production issues by more than 40% at an e-commerce company. Mentor to development teams; I write about web and mobile development at davicho.dev/blog.

Professional Experience

Full-Stack Developer & Technical Mentor — Sparken

Oct 2024 – Present

Guayaquil, Ecuador

- Build and maintain the products of the Sparken ecosystem: **MeCaso** (marketplace connecting couples with wedding vendors), **PayFlow** (point-of-sale and inventory for SMBs), and the company site.
- Implemented Java (Spring Boot) microservices with PostgreSQL, Redis, and Kafka messaging.
- Developed front ends with React, Next.js, and Vite (TypeScript, TailwindCSS, Redux Toolkit, TanStack Query), and landing pages with Astro.
- Manage all cloud infrastructure on AWS with Terraform.
- Standardised CI/CD and quality gates (SonarQube, Cypress, Testing Library, Jest) across all products.
- Built the company's own TailwindCSS component library, documented in Storybook.

Stack: Next.js, React, Astro, TailwindCSS, TypeScript, Redux Toolkit, TanStack Query, Java (Spring Boot), Kafka, PostgreSQL, Redis, AWS, Terraform, SonarQube, Storybook

Full-Stack Developer & DevOps Specialist — Bummock

Jan 2024 – Present

Guayaquil, Ecuador (Hybrid)

- Migrated deployments from monthly manual on-premise builds to automated AWS pipelines with Terraform and CodePipeline: reproducible environments and on-demand releases.
- Led the development of **Inspector** (Flutter), an offline-first field inspection app processing 200,000+ inspections per month for ~300 specialised users, improving sync performance by 50%.
- Built **Encryptor** (React Native, online) and defined both products' architecture under Clean Architecture and DDD: React (Vite, TypeScript) on web, NestJS (Hexagonal Architecture, PostgreSQL) on backend, Flutter and React Native on mobile.
- Set up the testing and QA stack from zero: Cypress, Jest, and SonarQube gates in every pipeline.
- Mentor the team on architecture patterns and new technologies through training sessions, pair programming, and code reviews.

Stack: React (Vite, TailwindCSS, Redux Toolkit, React Query), NestJS, Flutter (Bloc, Hive), React Native, PostgreSQL, AWS, Terraform, SonarQube, Storybook, Cypress, Jest

Team Lead & Full-Stack Developer — Lupio Development

Jun 2025 – Nov 2025

Guayaquil, Ecuador (Hybrid)

- Led the re-engineering of **Revo**, a mobility and logistics platform, migrating from a legacy PHP + Flutter v1 stack to React (Vite, TypeScript, Redux Toolkit, TailwindCSS), NestJS, PostgreSQL, and Flutter v3 (Bloc).
- Reduced backend response time by 35% and improved platform reliability via GraphQL and real-time socket integration.
- Integrated external services such as Sumsub (identity verification) and Twilio (notifications and messaging).

- Mentored cross-functional teams, improving delivery consistency and code quality through PR reviews and shared libraries.

Stack: React (Vite, TypeScript, Redux Toolkit, TailwindCSS), NestJS, PostgreSQL, Flutter (Bloc), GraphQL, AWS, Sumsb, Twilio

Full-Stack Developer & Technical Mentor — TheMadFox

Feb 2023 – Oct 2024

Colombia / Remote (Freelance)

- Promoted to lead backend development, architecture definition, and company-wide technology enablement.
- Defined scalable architectures integrating React, Next.js, Node.js, and Python (Flask, Strapi).
- Led internal training programmes on DevOps, testing automation, and cloud integration.
- Contributed to major projects: **Rayna, CTEC, Prosper, WiP, Robin House, and Echo Analytics.**

Frontend Developer — TheMadFox

Feb 2022 – Feb 2023

Colombia / Remote

- Designed and implemented component-driven architectures using React (Vite, TypeScript, Atomic Design, Redux Toolkit, Storybook).
- Led the migration of legacy applications to modern stacks, improving delivery speed and maintainability.
- Trained developers in React, Next.js, Angular, and Flutter; delivered workshops on testing culture, CI/CD, and frontend performance.

Stack: React (Vite, TailwindCSS, Redux Toolkit, Storybook), Next.js, Flutter, Angular, Python, Strapi, AWS, Jest, Cypress

Full-Stack Developer — Capital ROI Inmobiliaria

Feb 2022 – Oct 2024

Guayaquil, Ecuador (Contract, Remote)

- Built the company's real-estate platform end to end: property marketing site in Next.js, landing pages in Astro, and an admin dashboard in React (Vite) with TanStack Query, Redux Toolkit, and Axios.
- Implemented the backend with Next.js API routes and Express, including authentication, over PostgreSQL with Prisma.
- Migrated hosting from AWS to Vercel, cutting infrastructure costs for the client.

Stack: Next.js, Astro, React (Vite), TypeScript, TailwindCSS, TanStack Query, Redux Toolkit, Axios, Express, Prisma, PostgreSQL, Vercel

Senior Frontend Developer — Barnaul Gorri SL (Dooop)

Aug 2023 – Dec 2023

Spain / Remote (Contract)

- Architected and implemented the front-end of **Dooop** using React, Next.js, and TypeScript, ensuring cross-browser compatibility and performance.
- Achieved over 90% test coverage for critical components with Jest and Cypress.
- Designed and maintained CI/CD pipelines on AWS via GitLab and GitHub, accelerating release cycles and reducing downtime.
- Led Scrum ceremonies and mentored developers in clean code, testing strategies, and scalable component architecture.

Stack: React, Next.js, TypeScript, TailwindCSS, SASS, MaterialUI, Node.js, Jest, Cypress, AWS

Senior Frontend Developer — GeoActio

Oct 2021 – Jan 2022

Pamplona, Spain (Freelance, Remote)

- Developed accessible interfaces with React, Redux, TypeScript, SASS, and TailwindCSS (BEM) in a MERN environment.
- Mentored junior developers through code reviews, pair programming, and testing guidance with Jest.

Stack: React, Redux, TypeScript, SASS, TailwindCSS, Jest, AWS

Development Team Lead — Hitex Cía. Ltda.

Aug 2020 – Aug 2021

Quito, Ecuador

- Managed development teams delivering solutions with Next.js, Flutter, and Java.
- Designed UX/UI flows and prototypes for web and mobile applications.
- Introduced agile methodologies (Scrum) and implemented code review and QA processes.

Stack: Next.js, Flutter, Java, AWS, Docker

Frontend Lead — Tipti S.A.

Oct 2019 – Jul 2020

Quito, Ecuador

- Led front-end development for Tipti's e-commerce and mobile platforms (**Tipti** and **Tipti Shopper**).
- Guided the technology transition from Ionic v1 / Angular v2 to Flutter and Next.js, later consolidating in Nuxt.js.
- Defined the architecture, UI/UX guidelines, and coding standards for the engineering team.
- Implemented CI/CD pipelines in AWS, improving performance and reducing production issues by over 40%.

Stack: Nuxt.js, Flutter, Next.js, TailwindCSS, AWS

Frontend Developer — AlquimiaSoft

2016 – 2019

Ecuador

- Developed modern, accessible interfaces with React and Angular.
- Trained teams in front-end best practices, testing, and agile development workflows.

Stack: React, Angular

Education

Bachelor's in Animation Design and Digital Art (DAAD) — IGAD University (Ecuador)

Currently completing the final semester.

Certifications

Scrum Developer Certified (SDC)

Advanced Scrum Developer Certified (ASDC)

TypeScript, AWS & React JS — Verified by Talently (2025)

Frontend Developer (React) — HackerRank (2024)

Full certification list available at: LinkedIn Certs

Technical Skills

Languages: JavaScript, TypeScript, Dart, Swift, Python, Java

Frontend: React, Next.js, Nuxt.js, Redux Toolkit, TailwindCSS, GSAP, Astro

Mobile: Flutter, Bloc, Cubit, Hive, GetIt, Envied, React Native

Backend: NestJS, Node.js, Express, Spring Boot, Flask, GraphQL, Kafka, PostgreSQL, MongoDB, Redis

Testing: Jest, Cypress, Testing Library, Flutter Test

DevOps: AWS, Docker, Terraform, CodePipeline, CI/CD, SonarQube

Architecture: Clean Architecture, DDD, Atomic Design, Monorepos, Micro-frontends

Languages

Spanish (native)

English (intermediate, actively improving)

Contributions & Mentorship

I write about web and mobile development at davicho.dev/blog.

Mentor to developers, focused on performance, accessibility, good practices, and the adoption of new technologies at every stage of development.

Projects & Links

 [GitHub](#)  [Instagram](#)  [Blog](#)  [LinkedIn](#)