

ANDRÉS DUQUE

SOFTWARE ENGINEER



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ABOUT ME

Software Engineer with full-stack experience and a strong frontend focus, building scalable web applications with React, TypeScript, Next.js, APIs, databases, and modern tooling. I care about clean architecture, thoughtful patterns, and codebases that stay maintainable as products grow. Curious and disciplined, I enjoy staying current with modern technologies while understanding the fundamentals behind them. I use AI as a responsible engineering accelerator for discovery, specification, implementation support, and review, keeping security, quality, and final decisions human-led.

PROFESSIONAL EXPERIENCE

Software Engineer G6 Networks - May 2024 - Present

Build and maintain scalable web applications with React, TypeScript, Next.js, and modern frontend tooling. Integrate centralized APIs, middleware services, and blockchain infrastructure. Partner with backend, blockchain, and product teams to identify risks, improve architecture, and ship reliable user experiences. Built internal POCs and contributed to a winning hackathon solution.

Fullstack Developer Prevalentware - Nov 2022 - Sep 2023

Contributed to scalable web products across frontend and backend. Built responsive interfaces with React, Next.js, and Tailwind CSS; integrated GraphQL APIs with Apollo Client; and implemented JavaScript/TypeScript features. Modeled data and database interactions with Prisma/PostgreSQL while balancing delivery, maintainability, and product needs.

Frontend Developer Nevato - Oct 2021 - Sep 2022

Developed responsive, reusable frontend interfaces for multiple client projects. Built UI components and client-facing features with React and Tailwind CSS, integrated RESTful APIs using Axios, and improved usability, maintainability, and performance across delivered features.

EDUCATION

U. de los Andes

M.S. Software Engineering
2025

U. Tecnológica de Pereira

Web Development Certificate
2022

U. Nacional de Colombia

Civil Engineering Degree
2022

SKILLS

FRONTEND

React / Next.js / TS
Tailwind / Shadcn UI
Zustand / TanStack
Vite / PWA / Vitest

BACKEND

Node.js / Python
FastAPI / Express / Flask
PostgreSQL / Prisma
SQLAlchemy / Pydantic
WebSockets / SSE

TOOLS / OTHER

Git / GitHub
Docker / Vercel
Postman / Swagger
AI workflows / Subagents
Spec Driven Development

LANGUAGES

English (B2)

Spanish (Native)