

Alejandro Medina

Full-Stack Developer ([Next.js](#), React, TypeScript, FastApi/PostgreSQL)

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Professional Summary

Full-Stack Developer with 2 years of experience delivering end-to-end applications using Next.js/React/TypeScript and backend APIs with FastAPI/Node.js. Strong in authentication, database modeling, REST API design, and performance optimization (SSR/ISR, caching, media/CDN). Focused on clean architecture, maintainability, and production deployments. Open to remote, hybrid, or on-site roles.

Skills

Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, Framer Motion, Accessibility, Responsive Design

Backend: FastAPI, Node.js, Express.js, REST APIs, JWT, RBAC, bcrypt, Argon2

Databases/ORM: PostgreSQL, MongoDB, SQLAlchemy, Sequelize, Mongoose, ORM

State/Data & Validation: TanStack Query, Zustand, React Hook Form, Zod

Cloud/Tools: Vercel, Render, Cloudinary, Git, GitHub, npm

Languages: English (Bilingual), Spanish (Native)

Projects

PawScout | Full-Stack Animal Adoption Platform

Tech: Next.js 16, React 19, TypeScript, Tailwind CSS, TanStack Query, FastAPI, PostgreSQL, SQLAlchemy, JWT, Argon2, Cloudinary

Live: <https://paw-scout.vercel.app/> | Completed: Feb 2026

- Built bilingual platform with Next.js App Router and type-safe i18n using dynamic [lang] routing (EN/ES).
- Developed FastAPI backend with JWT authentication + RBAC supporting admin and public workflows via REST endpoints.
- Modeled PostgreSQL data with SQLAlchemy (relationships, constraints) for animals, adoptions, volunteers, users, and settings.
- Implemented form processing with Server Actions + Zod validation and consistent error handling across client/server.
- Deployed full stack: Vercel (frontend) + Render (backend) with production server config and environment-based settings.

CookMate | Full-Stack Recipe Platform

Tech: React + Vite, TypeScript, Tailwind CSS, Express.js, MongoDB, Mongoose, Cloudinary, TanStack Query

Live: <https://cookmate-mevadev.netlify.app/> | Completed: Nov 2025

- Designed REST APIs for recipes and user interactions with validation-focused Mongoose schemas.
 - Implemented secure authentication with JWT + bcrypt and protected routes for write operations.
 - Integrated Cloudinary for uploads and media lifecycle management (store/serve/delete).
 - Used TanStack Query to standardize server state (caching, mutations, optimistic updates).
 - Delivered maintainable UI with shared TypeScript types and reusable component patterns.
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Education

JavaScript Modern Guide: Build 20+ Projects — Udemy (2024)

React & TypeScript, Frontend Development — Udemy (2025)

Full-Stack Web Development — Udemy (2025)

100 Days of Code: The complete Python Pro BootCamp — Udemy (2025)