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## Summary

Fullstack Developer with 2+ years of experience, specializing in backend development with ASP.NET Core and C#. Experienced building RESTful APIs with Clean Architecture principles, deploying applications to Azure (App Service, Blob Storage, Azure SQL) and on-premise environments with IIS. Comfortable across the stack, with hands-on experience in frontend development using React and Android applications with Kotlin and Jetpack Compose. Currently seeking a mid-level remote role where backend quality and scalability matter.

## Technical Skills

- Backend ASP.NET Core 8, C#, Node.js, Express.js, REST API Design, Clean Architecture, xUnit, Moq
- Frontend React, Vite, Remix, Tailwind CSS, Atomic Design, Jetpack Compose, Kotlin
- Databases PostgreSQL, MySQL, SQL Server, Entity Framework Core, Supabase
- Cloud & Infrastructure Azure (App Service, Blob Storage, Azure SQL), Docker, VPS, Render, IIS
- Tools & Workflow Git, GitHub, Postman, Swagger, GitHub Actions, Figma
- Languages English (B1), Spanish (Native)

## Work Experience

**Full-Stack Developer — Infotek**

**Jun 2024 – Present**

- Architected and implemented RESTful API endpoints using ASP.NET Core 8, C#, and Entity Framework Core, following Clean Architecture principles to ensure scalability and long-term maintainability.
- Implemented a structured server-side logging system using the built-in C# Logger, enabling real-time error monitoring and faster debugging in production.
- Built and maintained Android UI screens using Kotlin and Jetpack Compose, delivering a consistent experience across device sizes.
- Led research and proof-of-concept for cloud migration to Azure (App Service, Blob Storage, Azure SQL), evaluating deployment strategies before the team's final infrastructure decision.
- Collaborated across backend and mobile teams to define API contracts and reduce integration friction.

## Freelance Full-Stack Developer

Jan 2024 – Present

- Designed and developed a full Warehouse Management System (WMS) for a logistics client, building the frontend with React and Vite and the backend with 20+ REST API endpoints using Node.js and Express.js.
- Integrated a real-time shipment tracking feature by consuming Estafeta's web service, exposing the data through a custom API endpoint consumed by the React frontend.
- Managed relational databases using PostgreSQL (deployed on Supabase) and MySQL, modeling inventory and logistics data structures.
- Containerized the application using Docker and deployed backend services to a VPS and Render, ensuring a reproducible and stable production environment.
- Currently developing a sports academy management platform in collaboration with another developer, integrating Stripe for payment processing, Google Maps API for location display, and Google Sheets API for client data management.

## Web Developer — OmniTEK Dev

Feb 2023 - Aug 2023

- Developed responsive landing pages with lead capture forms using React, Remix, and Tailwind CSS, applying Atomic Design architecture to build a reusable component library.
- Translated Figma mockups into production-ready components, reducing design-to-code iteration cycles with the design team.

## Projects

### **Dog Breed Detector | TensorFlow, Keras, Azure Custom Vision, Azure App Service**

**Live Demo:** <https://dogs-predictions-git-main-818supremos-projects.vercel.app>

Web application that allows users to upload a photo and instantly identify the dog breed using a trained machine learning model — built as a university research team project.

- Developed a computer vision model to detect and classify dog breeds using TensorFlow, Keras, and Azure Custom Vision, trained on image datasets to improve prediction accuracy.
- Deployed the application to Azure App Service, gaining hands-on experience with cloud infrastructure and model serving in a production environment.
- Built and delivered as part of a university research team of 3.

## Education

B.S. in Software and Emerging Technologies Engineering  
Autonomous University of Baja California  
Aug 2019 – Dec 2024

## Certifications

Meta Front-End Developer — Coursera / Meta, 2023