Guillermo Hidalgo

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Summary

Full-Stack Developer with 2+ years of experience building scalable, production-grade web applications and SaaS platforms. Strong background in REST APIs, authentication, and full-stack architecture using SQL and NoSQL databases. Experienced in AI-driven systems and secure payment integrations. Committed to clean code, performance, and delivering reliable software solutions.

Education

Fidelitas University — San José, Costa Rica
Bachelor's Degree in Computer Systems Engineering — *January 2022 – March 2025*

CENFOTEC University — San José, Costa Rica
Ethereum Developer Pack (Blockchain / Smart Contracts) — *May 2025 – September 2025*

Experience

Open-Source Software Contributor — January 2025 – October 2025
OnlyDust — *Remote*

- Contributed to Web3 open-source platforms by implementing new features and fixing critical bugs across multiple repositories.
- Collaborated in full-stack development using TypeScript, Next.js, and NestJS, improving system performance and maintainability.
- Refactored legacy code and applied clean architecture principles to improve scalability and readability.
- Participated in pull request reviews and code integration, maintaining high quality and coding standards.
- Worked in distributed international teams, improving collaboration and communication in remote environments.

Full-Stack Developer — July 2024 – November 2024
Asociación Voluntarios de Corazón — *San Pedro, Costa Rica*

- Designed and developed a full-stack web platform using the MERN stack (MongoDB, Express.js, React, Node.js) to manage pet adoption, reservations, and shelter operations.
- Built and maintained a RESTful API using Node.js and Express.js, enabling secure and scalable client-server communication.
- Implemented JWT-based authentication and authorization, ensuring secure user access and session management.
- Developed an admin dashboard for managing users, pets, and reservations with role-based access control.
- Integrated PayPal payment processing, automated email notifications, and WhatsApp messaging for real-time system events.
- Optimized database queries and backend logic, improving performance and system reliability.

Full-Stack Developer — September 2023 – July 2024
Unicoop R.L. — *San Pedro, Costa Rica*

- Developed a cooperative crowdfunding and management system handling users, financial transactions, and member data.
- Built backend services using .NET Core and ASP.NET Web API, implementing scalable and maintainable architecture.
- Implemented secure authentication and role-based access control (RBAC) for financial and administrative operations.
- Integrated Dapper ORM for high-performance data access and execution of SQL Server stored procedures.
- Designed and optimized relational database structures using Microsoft SQL Server, improving data integrity and query performance.
- Led development lifecycle including architecture design, development, testing, and deployment.

IT Support — November 2022 – June 2023
La Catalina R.L. — *San Pedro, Costa Rica*

- Co-developed a secure voting and revenue tracking system using .NET Core, improving transparency in internal operations.
- Participated in system design, testing, and implementation aligned with business and technical requirements.
- Provided IT support and troubleshooting, reducing downtime by approximately 40% during system rollout.
- Helped digitize internal decision-making processes, improving efficiency and data accuracy.

Projects

CVision | *Next.js, TypeScript, Prisma, Supabase, Clerk, Zod, VAPI, Framer Motion* 2025 – Present

- Developing an AI-powered platform that analyzes a candidate's CV against job descriptions to evaluate alignment and provide detailed improvement feedback.
- Built full-stack application using Next.js and TypeScript with Prisma ORM and Supabase for database management and scalable backend operations.
- Implemented secure authentication, role-based access control, and user management using Clerk.
- Integrated AI-driven interview simulation using VAPI, enabling real-time conversational interview practice based on job descriptions, followed by automated performance feedback.
- Designed subscription-based system with tiered plans controlling number of CV analyses and interview simulations (SaaS model).
- Applied schema validation using Zod and developed responsive, animated UI with shadcn/ui and Framer Motion.

VAEN | *Next.js, TypeScript, NestJS, Prisma, Supabase, Stripe, Clerk, Tailwind, shadcn/ui* 2025 – Present

- Developing a full-stack e-commerce platform featuring product browsing, advanced filtering (price, size, categories), and responsive modern UI.
- Built scalable backend using NestJS and TypeScript with Prisma ORM and Supabase, implementing custom decorators and guards for secure role-based access control.
- Implemented authentication, user management, and protected routes using Clerk, including role-based admin dashboard for managing products, users, and orders.
- Integrated Stripe payment gateway for secure online transactions and order processing.
- Designed internationalization (i18n) system supporting English and Spanish, along with dynamic light/dark theme switching.
- Implemented optimized data fetching and caching using React Query and Axios, improving performance and user experience.
- Developed responsive UI with Tailwind, shadcn/ui, Framer Motion, and GSAP for smooth animations and modern interaction design.

Technical Skills

Languages: TypeScript, JavaScript, C#, Java, SQL, Solidity
Frontend development: React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend development: Node.js, Express.js, NestJS, .NET Core, Spring Boot, REST API, Authentication & Authorization (JWT, RBAC)
Databases: MongoDB, PostgreSQL, MySQL, Microsoft SQL Server, Supabase, Firebase
DevOps & Tools: Docker, CI/CD, Git, GitHub, API Integration