Fernando Quintanilla

SOFTWARE DEVELOPER

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PROFILE

With over 4 years of experience as a web and backend developer, I have worked on a wide range of projects, from building robust web applications to implementing scalable backend solutions.

I am passionate about technology and continuously update my skills, allowing me to stay ahead of the latest trends and tools to consistently deliver innovative and efficient solutions.

Proficient in React.js, Next.js, Node.js, Nest.js, Angular, TailwindCSS, Flutter, and other technologies like C# and Jenkins, with expertise in SQLdatabases, cloud platforms like S3. Skilled in DevOps, UI/UX design, and leading technology migrations, delivering impactful optimizations in agile and collaborative environments.

WORK EXPERIENCE

ALLAS   **Honduras (Hybrid)**
Senior Software Engineer   *Oct 2021 – Present*

Project: Purchasing Plan

- Developed a system to organize orders, suggest purchases using database algorithms, and optimize tools used, following the company's purchasing flow.
- Used Angular, PostgreSQL, NestJS, and Figma for system development and design.
- Worked as a software analyst, gathering requirements and implementing solutions tailored to the purchasing team's needs at ALLAS.
- Automated the purchasing process from vendor quotation to goods receipt, enhancing operations across distribution centers.
- Integrated with Jenkins to enable quick and easy release management.
- Enhanced operational efficiency through automation and process optimization, reducing manual effort in procurement tasks.

Techstack: NestJS, TypeScript, Angular, PrimeNG, PostgreSQL, PM2, Jenkins, Scrum Methodology, Amazon S3, Bitbucket, Figma, Jira. Git, Restful API.

Project: ALLAS Client Tracking

- Built a fullstack solution with Angular, Express.js, Node.js, JavaScript, PostgreSQL, and PrimeNG.
- Developed a tool for sales representatives to track clients through tasks like scheduling calls, sending quotes, and sending birthday greetings.
- Migrated the Rest API from an outdated Node.js version to an LTS (Long-Term Support) version, ensuring improved stability and performance.
- Contributed as a full-stack developer, handling database structure, API development, and front-end implementation.
- Enabled managers to assign or remove clients from sales reps and generate detailed sales reports for performance analysis.
- Integrated a calendar for organizing weekly activities and improving task management.

Techstack: Node.js, Express.js, Javascript, Angular, SCSS, Jira, Scrum Methodology, PostgreSQL, AdobeXD, Amazon S3, Git, Bitbucket

Project: Inventory Distribution Centers App

- Developed and maintained a system with Flutter, Dart, TypeScript Rest API, PostgreSQL and deployed with Headwind MDM.

- Optimized distribution center management by enabling employees to scan products, process inter-branch requisitions, manage inventory, and organize shelf placement efficiently.
- Facilitated the internal product loan process for sales representatives and improved the receiving process for new merchandise.
- Improved logistics operations by automating key tasks and refining processes, leading to increased operational efficiency.

Techstack: Flutter, Dart, Rest API, Typescript, PostgreSQL, AdobeXD, Jira, Scrum Methodology, Git, Bitbucket, Amazon S3

ADDITIONAL EXPERIENCE

Freelance

- Developed Palette Wizard, an AI-powered tool that generates custom color palettes based on user input, such as an idea, base color, or concept.
- Developed Fermodoro (a Pomodoro app) for personal use to gain hands-on experience with React.
- Collaborated with a colleague to develop Find Your Prices (currently inactive), a scraping project that extracts product information from multiple websites in Honduras, sanitizing and integrating the data into our platform.

Techstack: React, Next.js, Astro, Typescript, Vercel, PostgreSQL, Supabase, Supabase Auth, TailwindCSS, Open AI

STACK & SKILLS

Front-end: JavaScript, React.js, Next.js, Figma, TypeScript, HTML, CSS, TailwindCSS, PrimeNG, Angular, Astro, Flutter Dart

Back-end: Node.js, Express.js, Nest.js, Rest API

Databases: PostgreSQL, MySQL, SQL Server

APIs & Services: Jenkins

Cloud & DevOps: AWS

Testing Frameworks: E2E Cypress (low)

EDUCATION

SYSTEMS ENGINEERING DEGREE

Centro Universitario Tecnológico, Ceutec Honduras | 2017 - 2022

LANGUAGES

English: Intermediate
Spanish: Native