Washington Fernando Chicaiza Cruz

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Portfolio: fchicaiza.site

Full-Stack Freelance Developer with over 4 years of experience building efficient web applications. Specialized in Laravel and React.js, passionate about enhancing user experience and productivity. Seeking to contribute my skills to a dynamic team that values innovation and best development practices.

PROFESSIONAL EXPERIENCE

Freelancer React - Laravel Developer   **Loja, Ecuador**
Application development, 3D modeling and infrastructure management   *July 2023–Present*

- I developed and deployed web applications using *React and Laravel*, tailored to various needs such as e-commerce, e-learning platforms, professional websites, and portfolios for multiple clients
- I optimized and migrated Laravel sites from earlier versions to version 11, along with PHP upgrades from 8.0 to 8.3 and 8.4. I added intermediate caching layers and implemented general performance optimizations, resulting in a 35% improvement in site speed on the original servers and up to 50% after migrating to a self-managed VPS
- Integrated payment platforms using SDKs and React libraries, including PayPal and Paymentez
- Designed and implemented container-based infrastructures to ensure scalability and maintainability, using self-managed Debian VPS environments with Docker and Traefik. This approach resulted in nearly 90% savings in server costs
- Developed interactive 3D web experiences using Three.js and React Three Fiber, leading to a 40% increase in traffic on the sites where they were implemented

Technologies: Laravel, React, FilamentPHP, VPS, Docker, Traefik, Three.js, React Three Fiber.

jlgranda.com Software Factory   **Loja , Ecuador**
React Frontend Developer   *April 2022 – June 2022*

- Participated in the development of multiple projects using React and TypeScript, including a survey and scheduling application for Metropolitan Touring. Implemented key frontend screens with advanced components using Syncfusion Data Grid and KendoReact by Telerik
- Collaborated in optimizing the performance of an overloaded application and standardizing the handling of OData requests, improving the overall system stability by nearly 40% through best practices and memoization in React
- Migrated the dependency build process from webpack (with npm) to Vite (with pnpm), reducing the project development environment initialization time by almost 90%
- Worked closely with the development team, strengthening teamwork skills, technical documentation, and coding standards

*Technologies***:** React, Typescript, Vite, Syncfusion Data Grid, KendoReact, OData

jlgranda.com Software Factory   **Loja, Ecuador**
Web Developer / CSS Layout Designer   *Sept 2021–Dec 2021*

- Built responsive web interfaces from provided designs (layout), using HTML5, CSS3, and best practices for accessibility and responsiveness
- Developed and deployed new versions of websites using Bolt CMS (Symfony), including the creation of content types and Twig templates, resulting in a 60% increase in site availability and traffic
- Coordinated with designers and other developers to ensure faithful and functional implementation of the design

Technologies: HTML, CSS, Javascript, Symfony, Twig, BoltCMS

jlgranda.com Software Factory   **Loja, Ecuador**
Technical Assistant in QGIS - "MAG Funcionarios" Project   *July 2020–October 2020*

- Assisted in the review and validation of spatial data using QGIS, contributing to the detection of errors in 80% of geographic layers and attributes
- Identified and documented technical inconsistencies, enabling the development team to efficiently resolve errors, increasing project productivity by 40%
- Developed frontend sections of the "Mag Funcionarios" application in Angular, improving project delivery times by 30% compared to the established deadlines

Technologies: QGIS, Angular, Git

ADDITIONAL SKILLS

- Native in Spanish. Conversational in English