Camilo Andrés Alarcón Cárdenas

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Web Developer with over 3 years of experience in professional software development, specializing in Laravel, Vue 3, and scalable architectures. I have designed, developed, and implemented technological solutions for logistics and transportation companies such as PasarEx Express and ServiEnvia Express, improving productivity and optimizing shipment management. I have experience in designing decoupled architectures, automated testing, and modular development, ensuring maintainable and high-performance code. Dedication about continuous improvement, best practices, and process optimization, with strong teamwork skills, flexibility to new technologies, and the ability to contribute to large-scale projects.

WORK EXPERIENCE

Savne SAS   **Sogamoso, Boyacá**
Developer Semi-Senior   *Apr 2023 – Nov 2024*

- Maintained direct communication with clients, translating their needs into functional technological solutions, improving goal definition and customer satisfaction by 50%.
- Managed multiple projects simultaneously, optimizing workflows and ensuring efficient deliveries within established deadlines, increasing team productivity by 30%.
- Designed and implemented scalable architectures in Laravel, applying a layered structure with the Repository and Service patterns, improving code maintainability, stability, and reusability by 50%.
- Used C4 models in StarUML to document system architecture and define class-level structures, reducing design errors by 60% and facilitating implementation.
- Developed complete systems from scratch using Laravel and Vue 3, leveraging Docker and PostgreSQL to ensure scalability in high-traffic environments. Managed the database as an independent project with Liquibase for versioning and migration control.
- Implemented unit, integration, and functional tests with PHPUnit, utilizing Mocking to simulate dependencies and ensuring 100% coverage in key modules.
- Led mentorship for junior developers, conducting code reviews in GitLab, correcting logic and implementation errors, and providing feedback to enhance code quality.
- Applied JWT authentication in Laravel within a decoupled architecture, strengthening system security and reducing vulnerabilities by 60%, optimizing session management.
- Contributed to the implementation of a modular architecture for a REST API with Nuxt 3, Nuxt UI, TypeScript, and TailwindCSS, increasing code scalability and maintainability by 50%.
- Design and coded modular and efficient components.
- Optimized system performance by applying strategies such as lazy loading, caching, and SSR/ISR, improving load times and user experience.
- Configured and customized i18n to support bilingual applications, expanding system reach and enhancing accessibility.

- Intermediate English (B1) – Ability to hold conversations and read technical documentation.

Savne SAS   **Sogamoso, Boyacá**
Developer Junior   *May 2022 – Apr 2023*

- Documented modules and functionalities using flowcharts, sequence diagrams, and use case diagrams with StarUML and Draw.io, improving comprehension by 50%, which facilitated decision-making and reduced operational errors.
- Provided support for applications in pure PHP, applying modular and scalable solutions that increased code quality by 35%, optimizing maintenance and debugging.
- Optimized PostgreSQL databases by improving relationships, normalizing structures, and optimizing indexes, reducing redundancy and improving query performance by 20%.
- Monitored and enhanced website performance using Lighthouse, identifying and resolving stability and loading issues, optimizing resources, and improving user experience.
- Improved DOM manipulation and data loading in a Blade-based application using jQuery, JavaScript, and AJAX, reducing unnecessary server rendering and increasing efficiency by 40%.
- Introduced Vue 3 (Options API) in Blade templates, optimizing modules and reducing load times by 30%, achieving faster responses and enhancing user interaction.
- Converted Figma designs into code using HTML, CSS, and Bootstrap, achieving pixel-perfect and fully responsive interfaces. The high development quality and client satisfaction led to my promotion to Semi-Senior Developer, increasing layout process efficiency by 30%.

EDUCATION

SENA   **Sogamoso, Boyaca**
Technologist in Analysis and Software Development   Dec 2021
Achievements: Participated in SENASOFT Medellín 2019,
representing SENA in software development competitions.

ADDITIONAL SKILLS

Architecture & Modeling: C4 Modeling, ERD, Flowcharts, StarUML, Liquibase

Front-End: HTML, CSS, Bootstrap, TailwindCSS, Vue.js (Vue 3 - Options & Composition API), Nuxt.js, Nuxt UI, JavaScript, TypeScript, jQuery, SSR/ISR

Back-End: PHP, Laravel (Repository & Service Pattern), Secure authentication with JWT, PostgreSQL (Optimization, Indexing, and Normalization), Automated Testing with PHPUnit

DevOps & Tools: Docker, Docker Compose, Lighthouse, GitHub, GitLab

Methodologies: SCRUM / Agile, Mentorship, and Code Review