Camilo Andrés Alarcón Cárdenas

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Full Stack Software Engineer with over 4 years of experience developing end-to-end enterprise solutions for logistics, transportation, CRM, and ERP sectors. Strong ability to translate business requirements into efficient technical solutions, working collaboratively in agile environments. Focused on continuous improvement, code quality, and delivering high-impact solutions for organizations and end users.

PROFESSIONAL EXPERIENCE

Bex Soluciones – Remote   Sogamoso, Colombia
Full Stack Software Engineer   *Sept 2025 – Dec 2025*

- Optimization and strengthening of advanced **MySQL** skills, working with stored **procedures, indexes, and temporary tables** within a **multi-tenant system**, centralizing business logic at the database level.
- Analysis, design, and development of **dynamic reports**, identifying not only requested requirements but also additional high-value insights for clients, used in **KPIs, dashboards, and business metrics.**
- Implementation of **geolocation modules** with **interactive maps and heatmaps using Leaflet**, integrated into data analysis workflows for KPI generation, commercial tracking, and business performance visualization.
- Backend development using **Laravel with Layered Architecture**, integrating **MySQL** and exposing data for dynamic frontend consumption via **Inertia.js.**
- Frontend development using **Vue.js (Composition API)** with a modular architecture, **Axios** for backend communication, and **UI** components with **PrimeVue**.

Disocom – Service Contract | Remote   Sogamoso, Colombia
Full Stack Software Engineer   *May 2025 – Ago 2025*

- Support, maintenance, and functional evolution of a **CRM platform** developed in **PHP (Yii2)** under **MVC architecture**, using **MongoDB** as the primary database.
- Resolution of multiple simultaneous client incidents, strengthening organization, prioritization, and effective delivery of production fixes via **FTP deployments.**
- Development of an **evaluation module**, enabling administrators to create surveys and performance evaluations with multiple question types.
- Implementation of **review and scoring workflows** by area managers, including structured feedback for each evaluation.
- Integration of **automated notifications via email, SMS, and WhatsApp,** improving communication and evaluation tracking within the system.

Savne SAS   Sogamoso, Colombia
Semi-Senior Full Stack Software Engineer   *Apr 2023 – Nov 2024*

- Consolidation of the **VIP Portal**, meeting delivery timelines and refining business requirements, reducing approximately **30% of ambiguous or unnecessary features**, validated through positive feedback from PasarEx leadership.
- Close collaboration with the technical lead in the **design and implementation of Hexagonal Architecture**, applying **SOLID principles**, layer independence, and a **test-first strategy**.
- Architectural modeling using **UML and C4 Model**, defining layers, system distribution, communication flows, and integration with external services and databases.
- Implementation of a **decoupled RESTful API backend,** with **JWT authentication**, **hexagonal layered architecture**

(Application, Domain, Infrastructure), PostgreSQL, and automated testing using **PHPUnit, Mockery, and Faker.**

- Full environment containerization with **Docker**, including backend, frontend, and databases, ensuring consistency across development and deployment environments.
- Application of this architecture in an **enterprise cargo transportation insurance system (SURA)**, implementing authentication, security, and a scalable base structure.
- In later months, full focus on frontend development, participating in the migration to **Nuxt 3**, implementing a **Feature-Based Architecture with Vertical Slices**, where each module encapsulates pages, components, logic, and services.
- Development of a **Legal Case Management System (LCMS)** focused on case intake, legal record tracking, status management, legal domains, and analysis of revenue, expenses, payments, and business metrics.

Savne SAS	Sogamoso, Colombia
Junior Full Stack Software Engineer	*May 2022 – Apr 2023*

- Support and evolution of enterprise applications developed in **PHP** under **MVC** architecture, optimizing **SQL queries**, improving performance, and maintaining frontend behavior using **jQuery**.
- Development of **Laravel projects** under MVC, using **Livewire** and **Vue.js integrated into Blade views** to improve interactivity, user experience, and system response times.
- Selected as **Development Lead** for the migration of **PasarEx VIP Portal**, modernizing a legacy PHP and jQuery application to **Laravel 10, PHP 8, and Vue 3 (Options API)**.
- Design and implementation of the backend using **Layered Architecture** with **Repository and Service patterns**, improving maintainability, scalability, and code organization.
- Layout and implementation of **over 60 views from Figma designs**, built in **Blade using HTML, CSS, and Bootstrap**, achieving pixel-perfect interfaces.
- End-to-end development of the portal (backend and frontend), implementing key logistics management features such as billing, quotation, shipment tracking, and customer support, including **Laravel Fortify** for authentication and security.

EDUCATION

UNAD — Systems Engineering
In progress · *2025 – Present*

SENA — Technologist in Systems Analysis and Development
Sogamoso, Boyacá · Dec 2021
Achievement: Representative at SENASOFT Medellín 2019

CERTIFICATIONS

- Master in PHP, SQL, OOP, MVC, Laravel, Symfony, WordPress (Udemy, 2020)
- Introduction to Scrum (Udemy, 2024)
- The Complete JavaScript Course 2025: From Zero to Expert! (Udemy, 2024)
- Vue.js: From Zero to Expert (Udemy, 2025)
- n8n + MCP: Automation and Intelligent AI Agents (Udemy, 2025 – In progress)

ADDITIONAL SKILLS

- Technical English (reading, documentation, and written communication)
- AWS: EC2, S3, IAM, RDS (basic deployments and initial administration)