Alejandro Pérez Bernal

Senior Full Stack Developer · Node.js · Laravel · Vue.js · SQL Server

Colombia (Remote) (+57) 300 3875346 alejoperez0120@gmail.com alejoperezbernal.com/en github.com/Allejandro0120
linkedin.com/in/alejandro-pérez-bernal-605924373

Senior Full Stack Developer with 9+ years of experience building business systems: ERPs, workflow systems and APIs with complex business rules. Production experience with Node.js and Express (third-party APIs and a live module for an external client) and with Laravel (nearly 6 years building an ERP end to end), alongside Vue.js and SQL Server. I have migrated PHP applications to Laravel and Vue, automated operational processes, set up CI/CD in Azure DevOps and technically lead a team of 14 developers.

PROFESSIONAL EXPERIENCE

Development Coordinator (Full Stack Tech Lead)

Nov 2023 – Present

Disfarma GC SAS · Girón, Santander, Colombia

- **Full stack ERP development:** evolve, end to end, the production ERP of a pharmaceutical distributor (90+ modules across 19 areas, used company-wide): Laravel REST API with OAuth2, Vue.js interfaces and SQL Server.
  Laravel · Vue.js · SQL Server
- **Smart-Order:** designed and built end to end (API, UI and database) the bulk creation of dispatch requests. Previously each product was added one by one (about 30 seconds per product); now users enter point, code and quantity and create multiple requests in minutes.
- **external-api (Node.js):** developed the integration modules for an external purchase-planning platform (10 endpoints: inventory, purchase orders, masters, lead times, safety stock and sales) and for purchase orders (supplier credit-limit lookup and order creation) in the third-party API, with Bearer authentication and Swagger, live in production.
  Node.js · Swagger
- **Hands-on development:** still shipping production code: new features and query optimization in Annual Inventory, Customer Negotiation and Hospitals.
- **CI/CD:** built the integration and deployment pipeline in Azure DevOps, with code-quality analysis in SonarQube.
- **Technical leadership:** team of 14 developers (2 senior, 3 mid, 9 junior): solution design, code review, integration testing and deployment across environments (development, testing and production). Delivered under my direction: SIFEV (e-invoicing), Disfarmapp (pharmacy deliveries) and the transport (TMS) module of external-api.

Development Analyst (Full Stack Developer)

Dec 2020 – Nov 2023

Disfarma GC SAS · Girón, Santander, Colombia

- **Full stack applications by area:** built end to end (Laravel API, Vue.js interface and SQL Server) applications for the contact center, accounts receivable, hospitals, technical direction and dispensing; each one optimizes an operational process. Laravel · Vue.js · SQL Server
- **Online Orders:** migrated from plain PHP to Laravel and Vue.js the quote and order module used by contact-center agents and sales executives (about 200 quotes and 250 orders per day): quote-to-order conversion, credit validation, packaging restrictions and PDF/Excel export.
- **Dispatch Requests:** migrated and built the full module (API, UI and database) for about 30 data-entry users, with temporary saves, profile-based approvals and multi-distribution-center support (Girón and Bogotá). It is the foundation on which I later built Smart-Order.
- **Hospitals:** contracts and orders with consumption tracking against each contract, order approval and Excel/PDF export.
- **Electronic invoicing:** invoicing validation APIs and bulk invoice-status queries.
- **Other applications:** Customer Updates, Cash Receipts, Price Lists, Controlled Products Resolutions and Tender Product Approval.
- **Security and infrastructure:** login hardening, profile-based permissions, Outlook email notifications and the API development environment.

Backend Developer

Dec 2021 – Jun 2022

Itim Engineering SAS · Bucaramanga, Santander, Colombia

- Built the backend services of a geospatial platform (a sewer-network map interface) with Node.js and Express.
- Designed APIs and data structures for map-based systems with real-time data handling.
- Optimized queries over structured datasets to improve performance.

Freelance Developer
Jan 2020 – Mar 2021

Independent · Remote

- Delivered to production a web quoting system for automotive paint repairs with dynamic business logic, used in real operations.
- Designed the database schema and backend logic for configurable workflows (JavaScript, HTML, CSS and MySQL).

Web Developer / Support
Nov 2019 – Dec 2020

Blueweb / SocialBoil · Bucaramanga, Santander, Colombia

- Turned design mockups into working websites with HTML, JavaScript, AJAX and JSON.
- Provided technical assistance and support to clients on their web platforms.

Software Analysis, Design & Development
May 2017 – Apr 2019

MasterData · Colombia

- Designed and developed the modules of a Risk and Incident Management software product, with C++ as the main language on a PostgreSQL database.

PERSONAL PROJECTS

Self-initiated work, outside my professional experience; one of them runs in production today for a real client. Demos and screenshots at **alejoperezbernal.com/en**.

- **Business management ERP:** inventory, stock intake, customers, orders and quotes. Node.js · Vue.js · SQL Server
- **Inspection report module (OCC RETIE):** entry, viewing and editing of inspection reports; built in my spare time and live in production today, in real use by OCC RETIE. Node.js · Vue.js · SQL Server
- **Nuestra Grandía:** platform for customizable digital wedding invitations, with an admin panel for each couple. Node.js · Vue.js · SQL Server
- **Multi-business appointment booking system:** 4-step booking, role-based dashboard and a REST API documented with Swagger that prevents double-booking. Node.js · Vue.js · SQL Server

TECHNICAL SKILLS

Backend & architecture: Node.js (advanced) · Express · PHP / Laravel (advanced) · REST API design (OAuth2, OpenAPI/Swagger) · performance optimization

Frontend: Vue.js (advanced) · Vuetify · Vuex · HTML · CSS

Languages: JavaScript (advanced) · PHP (advanced) · C++

Data: SQL Server · PostgreSQL · MySQL — schema design and query optimization

DevOps & tools: Git · Azure DevOps (CI/CD) · SonarQube · GitHub Actions · PM2 · Nginx · Linux (VPS)

EDUCATION

Electronic Engineering · Universidad Pontificia Bolivariana, Bucaramanga, Colombia · 2009 – 2014

LANGUAGES

Spanish: native · **English:** professional working proficiency