

# Alejandro Velazco

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github.com/alevelazcode

## Summary

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Senior Full-Stack Software Engineer (6+ years) delivering production-grade systems end-to-end across fintech, SaaS, e-commerce, and Web3.

Core stack: **TypeScript**, Node.js (**NestJS**/Express/Fastify), **React/Next.js**, **GraphQL**, Java (Spring Boot), SQL (PostgreSQL/MySQL/SQL Server), MongoDB, Redis, **Docker**, **Kubernetes** (Helm, GKE/AKS), **AWS** (Lambda), **CI/CD** (GitHub Actions, GitLab **CI/CD**, Bitbucket Pipelines), **Cypress** (E2E).

Strengths: cloud-native architecture, microservices, low-latency APIs, scalable data layers, automated delivery pipelines, and cross-functional execution with product/design/ops.

## Education

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**EIP International Business School**, M.S. in Data Science – Malaga, Spain Mar 2024 – Mar 2024  
• Python, Big Data, ML/DL foundations, and cybersecurity fundamentals

**Universidad Metropolitana**, B.S. in Systems Engineering – Caracas, Venezuela Jan 2016 – June 2020

## Experience

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**Senior Full-Stack Developer**, Babio – USA (Remote) Aug 2025 – present  
End-to-end delivery across web modules and backend services.

- Rebuilt portal modules using Svelte 4, Laravel, and MongoDB to improve UX and maintainability.
- Built and maintained FastAPI microservices; containerized with **Docker** and deployed on DigitalOcean.
- Streamlined releases with GitLab **CI/CD** and standardized PR/review practices.

**Senior Full-Stack Developer**, Kloov – Barcelona, Spain (Remote) Apr 2024 – July 2025  
Full-stack delivery for web apps and microservices.

- Architected **NestJS** + **GraphQL** microservices; improved API responsiveness and service reliability.
- Built **Next.js** + Tailwind web app; implemented media workflows and interactive UI components.
- Automated **CI/CD** with GitHub Actions and strengthened quality gates with **Cypress** E2E tests.

**Senior Full-Stack Developer**, Opratel – Buenos Aires, Argentina (Remote) Aug 2023 – Aug 2024  
Scalable SaaS systems, payments, and real-time observability.

- Migrated Vue 2 → Vue 3 with Vite, improving performance and developer velocity.
- Delivered payment gateway services and automation tooling using Node.js/Python.
- Built real-time monitoring/log console with Socket.IO across microservices.
- Implemented RBAC dashboards with Redis queues and WebSocket live updates.

**Senior Full-Stack Developer**, TowerHouseStudio – Montevideo, Uruguay (Remote) Jan 2023 – Aug 2023  
Mobile-first delivery and API optimization.

- Delivered cross-platform apps (**React** Native, Flutter) and accelerated MVP timelines.
- Optimized Node.js/Laravel APIs and implemented automated testing (Jest/PHPUnit).
- Integrated payments (Stripe/PayPal) including webhook flows and subscriptions.

**Full-Stack Developer**, Vendible – Texas, USA (Remote) July 2021 – Aug 2023  
Web3 products and high-throughput backend systems.

- Built **Next.js** web apps with Tailwind and **GraphQL** shipped wallet/product features.
- Developed FastAPI services and deployed on **Kubernetes** with PostgreSQL.
- Implemented **CI/CD** with Bitbucket Pipelines/GitLab and improved release reliability.

**Full-Stack Developer**, Fidecorp – Madrid, Spain (Remote)

Apr 2021 – July 2021

Microservices, **GraphQL** backends, and mobile delivery.

- Shipped **React** Native apps for iOS/Android and improved user workflows.
- Designed backends with hexagonal architecture patterns (**NestJS**/Django/FastAPI + **GraphQL**).
- Built event-driven services with **Docker** and RabbitMQ.

**Full-Stack Developer**, Easy MGT – Miami, USA (Remote)

Aug 2020 – Jan 2021

Real-estate platform delivery.

- Built Vue dashboards (Vuex, Vuetify) and Django + PostgreSQL backend services.
- Implemented WebSocket chat features and improved performance via indexing/ORM tuning.

**Full-Stack Developer**, Global Ratings – Caracas, Venezuela (Remote)

July 2019 – Aug 2021

Investor-facing web platforms and performant APIs.

- Delivered **React** headless sites and improved content workflows via WordPress.
- Built API layers with Express + **GraphQL** and improved uptime and query performance.
- Optimized MongoDB aggregations to reduce reporting latency.

## Skills

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**Core:** TypeScript, Node.js, NestJS, React, Next.js, GraphQL, Java, Spring Boot, Microservices, MongoDB, SQL (PostgreSQL/MySQL/SQL Server), Redis

**Cloud & DevOps:** Docker, Kubernetes, Helm, GKE, AKS, AWS, Lambda, DigitalOcean, CI/CD (GitHub Actions, GitLab CI/CD, Bitbucket Pipelines)

**Frontend:** React, Next.js, Angular, Vue, Tailwind CSS, PostCSS, WebSocket/Socket.IO

**Backend:** Express.js, Fastify, FastAPI, Django, Laravel, Golang, Rust

**Data & Messaging:** RabbitMQ, Kafka, Redis

**Testing:** Cypress, E2E Testing, Jest, JUnit, Mockito, PHPUnit

**Web3:** web3.js, Ethereum, Ethers.js (if applicable)

**Languages:** Spanish (Native), English (B1)