

ULISES MANUEL VARGAS DE SOUSA

Senior Full Stack Software Engineer

Java & Spring Boot | Node.js & NestJS | Microservices | Cloud | Angular & React

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PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with 10+ years of professional experience building web products, APIs, and distributed systems. Strong backend focus in Java/Spring Boot and Node.js/NestJS, with hands-on experience in microservices, Domain-Driven Design (DDD), Hexagonal Architecture, CQRS, and event-driven systems. Experienced with Apache Kafka, RabbitMQ, PostgreSQL, Docker, AWS, and GCP, complemented by full-stack delivery with Angular and React.

TECHNICAL SKILLS

Backend: Java 8 / 21 and modern Java (through 26), Spring Boot 3, Spring Security, Hibernate, Node.js, NestJS, Express, C#, .NET 8-10, PHP, Laravel

Architecture: Microservices, DDD, Hexagonal Architecture, CQRS, Event-Driven Architecture, Transactional Outbox, Circuit Breaker, retry patterns, system design

Data & Messaging: PostgreSQL, SQL Server, Apache Kafka, RabbitMQ, Liquibase, Firebase

Cloud & DevOps: AWS (EC2, S3, Lambda, Amplify, Cognito), GCP (Cloud Run, GKE/Kubernetes), Docker, SonarQube, CI/CD

Frontend & Mobile: Angular, Angular Signals, NgRx, React, Next.js, Vite, Redux Toolkit, Zustand, TanStack Query, TypeScript, Tailwind CSS, Material UI, React Native, NativeScript, Ionic

Quality & Tools: JUnit, Mocha, Chai, GitHub Copilot, Git, Scrum/Agile, unit testing and end-to-end testing

PROFESSIONAL EXPERIENCE

TERAVISION TECHNOLOGIES LLC | Senior Full Stack Developer | Aug 2019 - Jun 2026

- TurboSteps: designed and developed scalable backend APIs and services with NestJS and Node.js; integrated Stripe for secure payments/subscriptions and GoHighLevel for CRM and marketing automation.
- Designed relational data structures with PostgreSQL, containerized application components with Docker, and used GitHub Copilot to improve delivery speed and code quality.
- Direct Express: delivered frontend features with Angular, Signals, NgRx, Reactive Forms, Angular routing, and Angular Material Stepper.
- One App: built features with React, Vite, and TypeScript; managed state with Redux Toolkit and Context API and integrated AWS Amplify, Cognito, and Lambda.
- Mocafi / Angeleno / Abundant Birth: developed cross-platform mobile applications with NativeScript and Angular 14. Opal: contributed to backend development with Java, Node.js, and Express on AWS serverless infrastructure.

BLACKFIN | Senior Full Stack Developer | Oct 2025 - Mar 2026

- Designed and implemented high-performance enterprise microservices for the Seguros G&T project using Java 21 and Spring Boot 3.
- Applied DDD and Hexagonal Architecture to create decoupled, maintainable, and robust codebases.
- Implemented reliable asynchronous communication with Apache Kafka and the Transactional Outbox pattern for eventual consistency; used Docker, SonarQube, and PostgreSQL.

PROFESSIONAL EXPERIENCE - CONTINUED

VIDAMED - Independent Consultant | Full Stack Developer | Jan 2025 - Mar 2026

- Maintained and evolved a legacy medical platform using Java 8 and Spring.
- Optimized relational database schemas and queries in PostgreSQL and SQL Server to improve data access and query efficiency.

DIGEONTECH - Remote | Full Stack Developer | 2018 - 2019

- Built a public services application for the Municipality of San Juan, Puerto Rico, using React and TypeScript on the frontend and Node.js (TypeScript/Python) on the backend.
- Integrated Google Maps API to enable location-based functionality and improve navigation.

ANDO.LA - Remote | Full Stack Developer | 2018

- Developed a hybrid mobile application using Ionic and refactored a legacy backend to ES6, improving execution efficiency by 20%.
- Built frontend components with AngularJS and backend APIs with Node.js/Express; executed end-to-end tests with Mocha and Chai, reaching 95% code coverage.

VESTUA (formerly Sensacional Chile) - Remote | Full Stack Developer | 2018

- Contributed to an e-commerce platform using AngularJS on the frontend and Node.js on the backend.

SETECH C.A. | Web Developer - Vidamed Project | Jun 2017 - Oct 2017

- Co-developed the initial Vidamed core using JHipster; configured enterprise backend structures with Java/Spring, Hibernate, Liquibase, and PostgreSQL.
- Built dynamic user interfaces with AngularJS.

VIVACE C.A. - Caracas | Full Stack Developer | Apr 2016 - Nov 2016

- Médicos Venezolanos Online (Telemedicine): developed platform components with AngularJS and server-side APIs using Node.js/Express.

PROFESSIONAL STRENGTHS

- Design and delivery of scalable, resilient backend solutions.
- Hands-on experience with distributed systems, asynchronous messaging, and eventual consistency.
- Full-stack capability spanning architecture, APIs, cloud services, and modern web interfaces.
- Strong focus on maintainability, clean code, quality, automation, and continuous learning.