Edwin Gerardo Vásquez Guerrero

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PROFESSIONAL PROFILE

Full-Stack Software Engineer specializing in the design of microservices and high-availability backend architectures (Spring Boot, .NET, FastAPI). Proven experience in critical transactional databases, CI/CD infrastructure automation, and observability across both Cloud and On-Premise environments. Capable of managing the entire software development lifecycle, integrating scalable interfaces with modern Frontend frameworks while applying solid security practices.

TECHNICAL SKILLS

- **Languages:** Java, C#, Python, Rust, TypeScript, JavaScript.
- **Backend & Frameworks:** Spring Boot, .NET Core, FastAPI, Django, Node.js.
- **Frontend & Web:** React, Angular, Vue, Next.js, Tailwind CSS, Framer motion.
- **Architecture & Cloud:** AWS, Azure, API Gateway, Load Balancing, Cloudflare, Object Storage (S3/Buckets).
- **DevOps & Infrastructure:** Docker, Kubernetes, Terraform, NGINX (Reverse Proxy/Containerization), CI/CD (Jenkins, Azure DevOps, GitHub Actions).
- **Security & Quality:** Inter-service Authentication (mTLS / Tokens), Rate Limiting, Secret Management (HashiCorp Vault / Key Vault), SonarQube, OAuth2.
- **Databases & Observability:** SQL Server, Oracle, PostgreSQL, Redis, Prometheus, Grafana.

PROFESSIONAL EXPERIENCE

Enterprise Database Corporation (EDC) | Remote
Full-Stack Software Engineer | April 2026 - October 2026

- **Maintenance & Architecture of Critical Systems:** Developed and optimized new features for the corporate core system managing billing and hospital administration. Provided comprehensive support for operational architectures using C#, .NET Framework / .NET Core, ASPX (Web Forms), and Windows Forms.
- **Database Optimization & High Performance:** Designed, refactored, and performed advanced debugging of complex Stored Procedures (SPs), views, and functions in SQL Server, ensuring minimal response times in high-load transactional environments.
- **Large-Scale Data Processing & CI/CD:** Maintained data ingestion flows and massive data management (billing and medical records) via Bulk Operations / Bulk Inserts, drastically reducing server processing times. Managed the software lifecycle using Azure DevOps.
- **Operations & Deployment Automation:** Developed scripts for automated log analysis and automated the comparison and continuous deployment of changes across database environments, reducing manual errors and improving delivery reliability.

Textiles de Opico (TexOps) | Santa Ana, El Salvador
Full-Stack Software Engineer & DevOps | January 2026 - March 2026

- **Backend Architecture & Containerization:** Developed transactional microservices with Spring Boot and .NET, integrating Python (FastAPI) for specific utilities. Designed the database structure (tables and views in SQL Server) for each service, executed the migration from Windows to Linux servers, and containerized the entire ecosystem using Docker.
- **Frontend Leadership:** Led the complete modernization of interfaces, making architectural decisions to replace traditional rendering (Java resources) with modern React applications (SPA), improving separation of concerns and user experience.
- **DevOps Culture & CI/CD:** Implemented the software development lifecycle from scratch, configuring pipelines to automate unit and integration testing (JUnit, Vitest), linting, static code analysis with SonarQube, Docker image builds, and automated deployment, eliminating all manual intervention.
- **Security & Observability:** Developed a secure token-based authentication system and implemented a complete monitoring stack with Prometheus and Grafana to ensure high server availability.

Financiera Atlas | El Salvador
Full-Stack Software Engineer | January 2025 – December 2025

- **Core Backend Architecture:** Designed and built the foundations of the financial system by developing transactional microservices with Spring Boot and FastAPI. Structured data persistence by defining MySQL as the primary relational engine and MongoDB for specific requirements**.**
- **Mobile Development & Geolocation:** Led the development of the corporate mobile application using React Native for the collections team, implementing report generation and a real-time geolocation system.
- **Collaborative Web Frontend:** Actively collaborated in building the administrative web platform using React and Angular, creating dynamic interfaces for financial management.
- **Infrastructure, Orchestration & QA:** Containerized services using Docker and successfully integrated Kubernetes (K8s) for the orchestration of mobile microservices. Ensured code stability in production through strict implementation of unit and integration testing using JUnit for microservices and Vitest in the Frontend ecosystem.

EDUCATION

Universidad de El Salvador (UES)

- B.S. in Software Development Engineering (Remote) – Third year in progress
- B.S. in Civil Engineering – Three years completed

LANGUAGES

- Spanish (Native)
- English – Intermediate B1 / Advanced Technical Reading