

Luis Guillermo Marquez Canas

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Results-driven Java Backend Developer with over 5 years of experience in designing and implementing scalable microservices, secure APIs, and enterprise banking solutions. Adept at optimizing system performance, mentoring junior developers, and leveraging cutting-edge technologies such as Spring Boot, Java 17, and Cloud Services. Passionate about building efficient, high-performing applications while ensuring best security practices.

TECHNICAL SKILLS

- **Languages & Frameworks:** Java 17/11, Spring Boot, Jakarta EE, Hibernate, JavaScript
- **Databases:** Oracle, DB2, MySQL, PostgreSQL, Microsoft SQL Server
- **Cloud & DevOps:** Docker, Terraform, Octopus Deploy, Azure
- **Security:** Spring Security, Linux, Best practices in software development
- **Others:** RESTful APIs, Microservices, Functional Programming, Agile/Scrum

WORK EXPERIENCE

Transact Campus

Mild Level Backend Developer (Java 17, Spring Boot 3, Microsoft SQL Server, Jakarta EE)

Limerick, Ireland

July 2024 - Present

- **Improved the quality of Spring Boot 3 microservices** by increasing code coverage by more than 80%.
- **Resolved bugs across multiple critical flows**, including payments and notifications.
- **Contributed technical insights during best-practice meetings** for new software development and the refactoring of both monolithic and microservice architectures.
- **Refactored existing code** to ensure compliance with internal quality standards and architectural guidelines.

Banco Davivienda (Salvadorean Bank)

Backend Developer (Java 17, Spring Boot 3, Oracle 12C, DB2)

San Salvador, El Salvador

November 2023 - April 2024

- **Designed and developed a Spring Boot 3 microservice** from scratch, integrating Oracle 12C and DB2.
- **Implemented security layers** using Spring Security and JWT authentication.
- **Configured multiple data sources** with Spring Data JPA, ensuring seamless database interactions.
- **Led the team informally** by providing technical guidance, reviewing code, and resolving blockers.
- **Optimized API resilience and fault tolerance**, implementing logging automation for request tracking.
- **Maintained and improved** existing REST APIs, following clean architecture and client-server principles.
- **Diagnosed and resolved** banking process issues at the database, business logic, and code levels.

Credicomer Sociedad de Ahorro y Crédito

Microservices & Middleware Developer (Java 11, Spring Boot 3, Docker, Oracle 12C, Node.js).

San Salvador, El Salvador

June 2022 - December 2022

- **Developed and maintained** microservices using Java 11, Spring Boot 3, and Docker, ensuring scalability and efficiency.
- **Developed API Middleware** using Node.js, improving communication between systems.
- **Managed incoming and outgoing HTTP requests**, optimizing performance and security.
- **Implemented JWT-based authentication** to secure web applications.
- **Optimized database interactions** with Spring Data JPA and Hibernate.
- **Applied functional programming principles** to improve code reusability and maintainability.
- **Created reusable libraries** to streamline development and standardize API interactions.

- Followed best practices in layered architecture and client-server design patterns.

Banco Davivienda (Salvadorean Bank)

Software Analyst & Backend Developer (Java 1.8, Java EE, Spring Boot 3, Oracle 12C)

San Salvador, El Salvador

June 2021 – May 2022

- **Developed and maintained** monolithic banking systems for financial product onboarding.
- **Implemented new features** and provided ongoing support for critical business applications.
- **Managed and optimized REST APIs**, following layered architecture and client-server principles.
- **Diagnosed and resolved** banking process issues at the database, business logic, and code levels.

Banco Agricola (Salvadorean Bank)

Java EE Developer (Java 1.5–1.8, Java EE, Struts 1, PrimeFaces 3, Oracle 11g, MySQL 5, Hibernate 3)

San Salvador, El Salvador

April 2019 – June 2021

- **Designed and implemented** asynchronous software (MDB) following SOA architecture and layered programming principles.
- **Led database migration from MySQL to Oracle**, utilizing ETL processes, deserialization, and Java reflection.
- **Developed and integrated the mass payment system** for Banco Central de Reserva (State Bank), enabling transfers to own and third-party accounts.
- **Diagnosed and resolved** banking system issues at the database, business logic, and application levels.

EDUCATION

FRANCISCO GAVIDIA UNIVERSITY

Bachelor's Degree in Computer Science (December 2021)

San Salvador, El Salvador

December 2021

ADDITIONAL SKILLS

- **Certification:** Microsoft Certified: Power Platform Fundamentals (December 2021).
- **Programming Instructor with 7,644+ students on Udemy.** (Profile: [Luis Guillermo Márquez Cañas](#))
- **Languages:** Native Spanish, English (B1+ level).
- **Application Servers:** Oracle WebLogic, WebSphere Application Server, GlassFish, Tomcat.
- **Development Tools:** Git, IntelliJ IDE, VS Code, Azure Portal,
- **Web Technologies:** HTML, CSS, JavaScript.

ACHIVEMENTS

- **On-Time Project Delivery:** Contributed to teams that delivered critical projects ahead of schedule, increasing client satisfaction.
- **Performance Optimization:** Improved application loading speed by 15%, enhancing user experience.
- **Technology Implementation:** Introduced new technologies that enhanced code efficiency and quality across multiple projects.
- **Training & Mentorship:** Led training sessions, boosting junior developers' productivity.
- **Critical Issue Resolution:** Resolved a security vulnerability, preventing a potential data breach.
- **Community Contribution:** Share programming courses and tutorials on GitHub (luismarquez96c), YouTube, and Udemy.