

ALESSANDRA GODOY

Software Engineer | Back-End Developer | Java | Spring Boot

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[LinkedIn](#) | [GitHub](#)

About Me

Back-End Software Engineer with experience designing and maintaining microservices using Java and Spring Boot in the banking sector. Specialized in RESTful API development and performance optimization. Proven experience with Agile methodologies, TDD, and SOLID principles, ability to diagnose and resolve issues efficiently. Effective collaboration with multicultural teams in Spanish and English (C2). Passionate about building efficient solutions and continuously learning new technologies.

Technical Skills

- **Languages & Frameworks:** Java (11, 17), Spring Boot, Spring WebFlux, Spring Data JPA, Spring Security
- **APIs & Testing:** RESTful APIs, OpenAPI, Swagger, JUnit, Mockito, JaCoCo, Postman
- **Databases:** SQL (PostgreSQL, SQL Server, MySQL), Liquibase, NoSQL
- **Cloud & DevOps:** AWS (EC2, ECS), Azure, Docker, Jenkins, CI/CD
- **Tools:** Git, GitHub, Maven, SonarQube, Checkstyle, Grafana, Kibana, Jira, Confluence

Professional Experience

Software Engineer | NTT Data Peru | Lima - Remote

October 2024 – October 2025

- Implemented REST endpoints for banking transfers applying OpenAPI, SOLID principles, and TDD, improving code quality through code reviews and quality control in Agile sprints.
- Optimized microservices performance by adjusting critical configurations (timeout, rate limit), ensuring compliance with security protocols from testing through production deployment.
- Generated dynamic reports with Jasper Reports for international transfer operations and adapting the design to new currency requirements.
- Resolved critical production bugs and planned improvements, contributing to successful achievement of Squad KR.
- Developed a report automation service integrating Azure and Liquibase for database schema versioning.
- **Technologies:** Java 11/17, Spring Boot 3, SQL, APIM, JUnit, JaCoCo, Checkstyle, Postman, Git, Jenkins, Swagger, Jira.

Web Developer | Mata Technologies | Philippines - Remote

March 2024 – May 2024

- Implemented the main website for “The Sandbox Foundation” organization from planning phase through AWS deployment.
- **Technologies:** WordPress, Elementor Pro, CSS, Amazon Web Services, Figma, Agile methodologies.

IT Technical Support Specialist | Hostinger International | Lithuania - Remote

September 2021 – December 2022

- Resolved technical issues and configurations related to servers, networks, and databases.
- **Technologies:** WordPress, PHP, MySQL, VPN, DNS, Cloudflare, Bash, Git, GitHub, Jira, Confluence.

Personal Projects

Clinical CRM Project

- Centralized management system for patient and medical appointments with authentication and report generation.
- **Architecture:** REST API with Spring Boot, security with Spring Security, persistence with JPA/Hibernate.
- **Features:** Patient CRUD, appointment management, PDF report generation with Jasper, administrative dashboard.
- **Testing:** 80% coverage with JUnit and Mockito.
- **Technologies:** Java 21, Spring Boot 3, JWT, Angular, Design Patterns, Jasper Reports, Oracle VM, Jira.

Education

Bachelor of Science in Computer Science | University of the People | United States

September 2020 – February 2024

- **Specialization areas:** Web Development, Operating Systems, Networks, Data Structures, Databases

Certifications

- **GitHub** Copilot Certification - 2025
- **GitHub** Foundations Certification - 2025
- Microsoft **Azure** Fundamentals Certification - 2025
- **Oracle** Next Education - Back-end Software Development with Java - 2025
- **Laboratoria** Web Development - 2025