

# Gabriel Rabelo Machado Santos

Full Stack Developer | Java | Spring Boot | Angular | TypeScript | Docker | Kubernetes

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## Professional Summary

Mid-level Full Stack Developer with 4+ years of professional experience building backend and frontend systems with Java, Spring Boot, Micronaut, Angular, and TypeScript. Strong background in REST APIs, microservices, automated testing, CI/CD, Docker, Kubernetes, RabbitMQ, PostgreSQL, and cloud fundamentals. Experienced in international and enterprise projects, including banking, HR/time-tracking, and U.S. insurance domains. Focused on clean architecture, SOLID principles, scalability, maintainability, testability, and reliable delivery for distributed teams.

## Core Technical Skills

<b>Backend</b>	Java 7/8/11/17/21, Spring Boot, Spring Framework, Spring Security, Spring Data JPA, Micronaut, REST APIs, Microservices, JWT, OpenAI Integration
<b>Frontend</b>	Angular 2+, TypeScript, JavaScript, HTML5, CSS3, SCSS, Responsive UI, Angular SSR basics, Cypress E2E
<b>Testing &amp; Quality</b>	JUnit 5, Mockito, Testcontainers, Integration Testing, Unit Testing, E2E Testing, TDD, Pitest, QA Engineering, JMeter
<b>DevOps &amp; Cloud</b>	Docker, Kubernetes, Helm, CI/CD, GitHub Actions, GHCR, Linux, AWS basics, Amazon S3, Deployment Automation
<b>Data &amp; Messaging</b>	PostgreSQL, SQL, Liquibase, RabbitMQ, Kafka fundamentals, Event-driven Architecture, Message Queues, DLQ concepts

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## Professional Experience

**Capco | Mid-Level Java Developer | QA Engineer - U.S. Insurance Project** | Jun 2025 - Present | Remote / International project

Building and validating enterprise systems for a U.S. life insurance company using Java 17 and Spring Boot.

- Develop and maintain Spring Boot services with a strong focus on reliability, code quality, and business-critical delivery.
- Apply QA engineering practices with automated tests, regression prevention, test planning, and defect analysis.
- Work with distributed teams in English, translating business requirements into maintainable backend implementations.
- Use Java, Spring Boot, JUnit, Mockito, SQL, CI/CD practices, and enterprise software engineering standards.

**Act Digital | Mid-Level Java Developer - Major Brazilian Bank / Foreign Exchange Sector** | Sep 2024 - May 2025 | Brazil / Enterprise project

Built new backend systems for a large banking environment using Java 17/21, Spring Boot, and Micronaut.

- Implemented backend features for financial and foreign exchange systems where maintainability, security, and correctness are essential.
- Worked with Java 17 and Java 21, Spring Boot, Micronaut, REST APIs, SQL, and integration patterns in enterprise environments.
- Collaborated with cross-functional teams to deliver scalable services aligned with clean code and SOLID principles.
- Supported technical analysis, debugging, production-readiness improvements, and backend quality practices.

**Tangerino - Time Tracking / Solides | Full Stack Developer** | Feb 2022 - Sep 2024 | Brazil / Hybrid

Worked on legacy maintenance and new product development using Java, Spring Boot, Angular, and TypeScript.

- Developed and maintained full stack features across Java backend services and Angular applications for HR/time-tracking products.
- Built REST API features, frontend screens, business workflows, and database-driven solutions using Java 7/8/11, Spring Boot, Angular 11/12, TypeScript, PostgreSQL, and SQL.

- Improved test coverage and delivery confidence with JUnit, Mockito, integration tests, Cypress E2E tests, and quality-focused development practices.
- Contributed to modernization initiatives, bug fixing, performance improvements, and maintainable implementations in both legacy and new systems.
- Worked with Docker, CI/CD concepts, Git workflows, and agile collaboration across product, QA, and engineering teams.

### **Tangerino - Time Tracking / Solides | Java Development Intern | Jul 2021 - Jan 2022 | Brazil**

Started professional software development career focused on Java backend maintenance, bug fixing, and SQL analysis.

- Fixed bugs, supported existing Java systems, improved SQL queries, and built a strong foundation in enterprise software development.
- Gained practical experience with debugging, clean code, backend logic, database operations, and team-based delivery.

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## **Selected Project**

### **Ludolinx - Founder / Full Stack Developer | Gamer Social Network | ludolinx.com**

- Designed and developed an international social network for gamers using Java, Spring Boot microservices, Angular, PostgreSQL, RabbitMQ, Docker, Kubernetes, Helm, CI/CD, and OpenAI integrations.
- Built product features related to user engagement, game content, multilingual communication, weekly/monthly email automation, RSS/news ingestion, and AI-assisted roadmap initiatives.
- Managed deployment and infrastructure workflows on VPS/Kubernetes with GitHub Actions, container images, ingress, TLS, and production-oriented troubleshooting.

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## **Education**

**Bachelor's Degree - Information Systems | Centro Universitario Una | 2023**

## **Languages**

English: Advanced | Portuguese: Native

## **Certifications & Courses**

- Generative AI Essentials: Overview and Impact - University of Michigan / Coursera - Feb 2026
- Java Unit Testing with Spring Boot 3, TDD, JUnit 5, and Mockito - Udemy - Sep 2023
- Angular - The Complete Guide - Udemy - May 2023
- Spring Boot API Pipeline GitAction AWS and Checkout - JDev Online Training - Feb 2022
- Spring Boot REST API with JavaScript and Bootstrap - JDev Online Training - Jun 2021
- Scrum Fundamentals Certified - SCRUMstudy - Jun 2022
- Cypress End-to-End Testing - Getting Started - Udemy - In progress

## **Target Roles & ATS Keywords**

Remote Java Developer, Remote Full Stack Developer, Backend Java Developer, Spring Boot Developer, Angular Developer, TypeScript Developer, Microservices Developer, REST API Developer, Cloud Developer, DevOps-minded Developer, QA Automation Engineer, Software Engineer, Java Engineer, Full Stack Software Engineer, US remote, Europe remote, distributed teams, English communication.