

# THEODORO FERREIRA

Backend Developer | Java | Spring Boot | AWS Certified

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## Skills

**Languages:** Java, Python, SQL

**Frameworks & Libraries:** Spring Boot, Spring MVC, Spring WebFlux, JUnit, Mockito



**Databases:** PostgreSQL, MySQL (Relational); MongoDB (Non-Relational)

**Cloud & DevOps:** AWS (Certified Cloud & AI Practitioner), Docker, Git, Maven, Gradle

**Architecture & Paradigms:** Microservices, REST APIs, CQRS, SOLID, TDD, Design Patterns, OOP, Functional Programming

**Tools & Technologies:** Kafka, RabbitMQ, Swagger/Springdoc, Agile (Scrum, Kanban), Jenkins

## Experience

	<b>Compass UOL</b> Backend Developer	Remote 03/2023 - Present
Client: Centro Administrativo Sicredi (CAS)		
<ul style="list-style-type: none"><li>Maintained a robust CQRS system designed to handle thousands of requests per minute, ensuring compliance with Brazil's General Data Protection Law (LGPD).</li><li>Developed and sustained core microservices for an application using Java and Spring WebFlux, directly supporting a critical mobile app with a user base of ~1 million daily active users.</li><li>Spearheaded the refactoring of a legacy cookie-tracking component, redesigning its architecture and simplifying business logic to achieve a 10x improvement in processing speed and reduce long-term technical debt.</li><li>Authored a comprehensive suite of unit and integration tests using JUnit and Mockito, increasing test coverage for core compliance APIs to over 80%.</li><li>Participated and collaborated on the implementation of scalable solutions leveraging Java and Spring Boot with WebFlux and Web MVC.</li><li>Standardized API documentation across multiple microservices by implementing and configuring Springdoc and Swagger, improving new developer onboarding time and reducing cross-team integration errors.</li><li>Collaborated within an Agile (Scrum) team of developers, QAs, and product owners to deliver compliance-focused features, ensuring seamless system integration and adherence to Brazilian General Data Protection Law (LGPD) requirements.</li></ul>		
	<b>Compass UOL</b> Backend Developer Intern	Remote 10/2022 - 01/2023
<ul style="list-style-type: none"><li>Gained foundational and practical knowledge in algorithms, data structures, version control with Git, and agile methodologies like Scrum.</li><li>Developed and delivered multiple projects utilizing Java, Spring Boot, PostgreSQL, MongoDB, Kafka, JUnit 5, and Docker.</li><li>Acquired hands-on experience with relational (PostgreSQL) and non-relational (MongoDB) databases, and messaging systems (Kafka, RabbitMQ).</li></ul>		

## Education

	<b>Unijuí</b> Bachelor's Degree in Computer Science	Ijuí, Brazil 02/2022 - 12/2026
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## Languages

Portuguese Native ●●●●● English Proficient ●●●●● Spanish Intermediate ●●●●●

## Certifications

**AWS Certified Cloud Practitioner** — [Amazon Web Services](#)  
**AWS Certified AI Practitioner** — [Amazon Web Services](#)