

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 (SQL); MongoDB (NoSQL)

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, Dynatrace, Grafana

Experience

	Compass UOL Backend Developer	Remote 03/2023 - Present
Client: Centro Administrativo Sicredi (CAS)		
<ul style="list-style-type: none">Maintained a robust CQRS system designed to handle thousands of requests per minute, ensuring compliance with Brazil's General Data Protection Law (LGPD).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.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.Authored a comprehensive suite of unit and integration tests using JUnit and Mockito, increasing test coverage for core compliance APIs to over 80%.Participated and collaborated on the implementation of scalable solutions leveraging Java and Spring Boot with WebFlux and Web MVC.Standardized API documentation across multiple microservices by implementing and configuring Springdoc and Swagger, improving new developer onboarding time and reducing cross-team integration errors.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.		
	Compass UOL Backend Developer Intern	Remote 10/2022 - 01/2023
<ul style="list-style-type: none">Gained foundational and practical knowledge in algorithms, data structures, version control with Git, and agile methodologies like Scrum.Developed and delivered multiple projects utilizing Java, Spring Boot, PostgreSQL, MongoDB, Kafka, JUnit 5, and Docker.Acquired hands-on experience with relational (PostgreSQL) and non-relational (MongoDB) databases, and messaging systems (Kafka, RabbitMQ).		

Education

	Unijuí 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](#)