

THEODORO FERREIRA

Backend Developer | Java | Spring Boot | AWS Certified

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• <https://github.com/theodoroferreira> • Brazil

Skills

Java • Spring Boot • Python • Kotlin • Go • Relational Databases (PostgreSQL and MySQL) • Non-Relational Databases (MongoDB) • Kafka • JUnit • Spring MVC • WebFlux • Gradle • Maven • Swagger • Git

REST • API • Microservices • Unit Testing • TDD • SOLID • Design Patterns • AWS • Agile Methodologies (Scrum and Kanban) • OOP • Functional Programming

Experience



Compass UOL

Software Developer

03/2023 - Present

I work as an outsourced professional for Centro Administrativo Sicredi (CAS), developing solutions and applications to ensure compliance with the Brazilian General Data Protection Law LGPD.

- Maintained a robust CQRS architecture capable of handling thousands of requests per minute.
- Developed and sustained a Backend-for-Frontend application for the Sicredi X app, serving nearly 1 million active daily users.
- Refactored a cookie-tracking component with a complex architecture resulting in +200% performance improvement.
- Implemented comprehensive unit tests for core APIs with +80% coverage to ensure reliability and quality.
- Participated and collaborated on the implementation of scalable solutions leveraging Java and Spring Boot with WebFlux and Web MVC.
- Documented several applications with Springdoc and Swagger.
- Contributed to cross-functional teams, driving system efficiency and seamless integration for compliance-focused projects.



Compass UOL

Software Developer Intern

10/2022 - 01/2023

During the 5 months of the internship program, I gained both theoretical and practical knowledge in:

- Algorithms and Data Structures.
- Version control using Git and GitHub.
- Relational and Non-Relational Databases (e.g., PostgreSQL, MongoDB).
- Messaging Systems with Kafka and RabbitMQ.
- Agile Methodologies, including Scrum.
- Developed and delivered several projects using Java, Spring Boot, PostgreSQL, MongoDB, Kafka, JUnit 5 and Docker.

Education

Unijuí

Ijuí, Brazil

Bachelor's Degree in Computer Science

02/2022 - 12/2026

Languages

Portuguese Native ●●●●●

English Proficient ●●●●●

Spanish Intermediate ●●●●●

Certifications

[AWS Certified Cloud Practitioner](https://www.credly.com/badges/99972122-ee48-4056-98fe-6a6a8a32b6c3/public_url) — https://www.credly.com/badges/99972122-ee48-4056-98fe-6a6a8a32b6c3/public_url

[AWS Certified AI Practitioner](https://www.credly.com/badges/bb3b643b-2ca1-4280-badb-3f4434e0864e/public_url) — https://www.credly.com/badges/bb3b643b-2ca1-4280-badb-3f4434e0864e/public_url