Thiago Bomfim

SOFTWARE ENGINEER

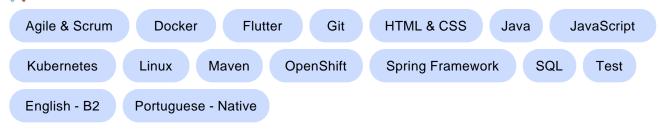✉ **thiago.bomfim.work@gmail.com** 🏠 **Brasilia/Brazil**

👤 PROFILE

Hello! I'm Thiago Bomfim, a passionate Software Engineer with a decade-long journey in Java Web development. My career is fueled by a deep commitment to engineering excellence, combining clean code, best practices, and design patterns.

I'm a book writer, Mastering RESTful Web Services with Java: Practical guide for building secure and scalable production-ready REST APIs - Packt

I'm a Podcast Host from Out of the Box Developer

I'm a Speaker, with some talks in Java User Groups(JUGs) and other events

🛠 SKILLS

Agile & Scrum — Docker — Flutter — Git — HTML & CSS — Java — JavaScript

Kubernetes — Linux — Maven — OpenShift — Spring Framework — SQL — Test

English - B2 — Portuguese - Native

💻 EXPERIENCE

Staff Engineer at Celfocus PT, Lisbon
February 2024

• Contributed to the development and maintenance of one of Vodafone PT′s main internal applications;
• Designed and built multiple microservices, ensuring scalability and reliability;
• Defined guidelines and best practices for microservices design and architecture;
• Produced documentation to guide the team and ensure consistency across services;
• Led the development of a Data Distribution Service (DDS) solution that reduced system response time by 70%
• Created documentation and Architecture Decision Records (ADRs) to support clarity and long-term maintainability.

Technologies: Java, Spring Boot, Kafka, MongoDB, Jenkins, Git, Docker, Kubernetes, Helm, Splunk, Datadog

Senior Developer at Aubay PT, Lisbon
July 2021 - February 2024

• Responsible for managing and defining the CI/CD pipeline;
• Responsible for the Cloud Environment;
• Training teams with best practices and code quality;
• Mentorship and technical interviews;
• Create components and design code to improve team work;
• Create microservices for integration with internal systems;
• Create a smart cache to decrease the latency and increase the availability.

Technologies: Java 8/11/17, Spring Boot, SQL, SOAP, Jenkins, Git, Kafka, MongoDb, Docker, Kubernetes, Helm, OpenShift, ElasticSearch, Splunk

Senior Software Developer at OpenSingular (Mirante Spin-Off), Brasilia
August 2020 - July 2021

• Creation, implementation, maintenance, and implantation of a product no code;
• Integration of a tool for digital signature;
• Integration with GOV.BR authentication using OAUTH2;
• Inclusion of Flyway for managing scripts;
• Creating docker and Dart project to generate dynamic apk with the external configuration;
• Creating of the mobile application and API with JWT authentication;

Technologies: Java 8, Hibernate, Wicket, Spring, Git, HTML, CSS, JS, Dart, Flutter, Docker, PostgreSQL

Flutter Instructor at Digital Innovation One,Brasilia
August 2020 - December 2020

• Responsible for the creation of 3 modules teaching Flutter. An introductory module, a module containing integration with Rest API, and a module teaching how to createan application from scratch to production.

Technologies: Dart, Flutter, GitLab CI

Senior Java Developer at Mirante Tecnologia, Brasilia
July 2019 - August 2020

• Analysis and development of systems for Anvisa, creating the BE and also the FE application.
• Analysis and development of a Mobile application for INCRA and the microservices for communication;
• Responsible for the evolution and maintenance of one of Anvisa's main systems;

Technologies:Flutter, Java 8, Java 11, Angular, Angular JS, JSF, Hibernate, Wicket, Spring, Jenkins, Gitlab, OracleSQL and SQLServer.

Software Engineer at OpenSingular (Mirante Spin-Off), Brasilia
January 2018 - July 2019

• Component development and architecture maintenance for a platform low code and open source;
• Creation of a component integrating with Google Maps;
• Responsible for the evolution of architecture, in order to ensure minimum break changes and refactoring's to update versions.

Technologies: Java 8, Hibernate, Wicket, Spring, Git, HTML, CSS, JavaScript.

Java Developer at Mirante Tecnologia, Brasilia
January 2016 - December 2017

• Creation and maintenance of a hotel management system, contracts and customer service;
• Inclusion of Flyway for the management of scripts;
• Integration with VOIP(Callbox) using API REST.

Technologies: Java 8, Spring, Wicket, HTML, CSS, JS, JasperReport, Git, and SQL Server.

🎓 EDUCATION

MBA in Mobile Development,Institute of Management and Information Technology(IGTI)
July 2020 - July 2021

Bachelor's Degree in Information System, University Catolica of Brasilia, Brasilia
January 2014 - December 2017

📚 COURSES

FullCycle Developer, Code.Education
2021

Design Practices and Code Architecture for Java Applications, Caelum
2020

🏅 CERTIFICATIONS

Oracle Certified Professional: Java SE 21 Developer (1Z0-830)
2025

Oracle Cloud Infrastructure Developer 2021 Associate (1Z0-1084-21)
2022

Oracle Cloud Infrastructure Foundations (1Z0-1085-21)
2021

Scrum FoundationProfessional Certificate
2020

Oracle Certified Professional Java SE 8 Programmer II (1Z0-809)
2018

Oracle Certified Associate Java SE 8 Programmer (1Z0-808)
2017