Tiago Steinmetz Soares

Software Developer | MSC in Computer Science

Conctact

Address: São Carlos – SP - Brazil

Telephone: +55 51 9 9180 8778

Email: tistesoa@gmail.com

Nationality: Brazilian

Date of birth: April 18, 1986 (37 years old)

Gender: Male

Profile

Tiago is an accomplished software developer with 11 years of experience, recognized for high-quality, efficient, and scalable software solutions. With a diverse set of skills in programming languages and frameworks, including Java/Spring, Kotlin/Javalin/Spring and Angular/Bootstrap. Tiago has a proven track record in the development of web-based applications, utilizing advanced architectural patterns such as microservices, saga, and event-driven design. His expertise extends to cloud-based solutions, particularly within the AWS environment. He has worked across various industries, including banks, retail chains, and delivered projects of varying sizes and complexities.

Tiago has strong analytical and problem-solving skills to identify and resolve technical challenges, provide guidance on best practices, and drive simple solutions. Ability to align technical initiatives with broader organizational goals and create roadmaps for technical growth and improvements. His experience allows him to get involved in the entire software development life cycle, from planning to deployment.

Skill Set

- Spring Boot
- Java
- Quarkus
- Kotlin
- Oracle
- SQLite
- PostgreSQL

- Javascript
- NodeJS
- Angular
- Microservice
- AWS
- Jenkins
- Datadog

- Jira
- Docker
- Terraform
- Teams
- Slack
- Agile Methodolog

Experience

2022 - 2023 **Ame Digital** São Paulo, Brazil

Technical Lead

- Took charge of designing end-to-end systems with microservices, saga pattern, and event-driven architecture.
- Tech stack included Java for microservices with Spring Web Flux framework, Node.js for serverless functions, and NoSQL with DynamoDB as the

database solution
- Focus on refining goals to ensure alignment with developers' perspective.
- Actively participate in discussions to estimate workload aligned with team's capacity
- Participated in agile scrum meetings to ensure timely delivery of the project.
- Conducted code reviews.
- Kept enhancing reliability and performance of production environment
- Created the base ground for the front end development using technologies such as Angular and Material Design.
- Implemented security measures, applying Cognito and OAuth 2.0 to guarantee a secure access framework.
- Studied new technologies and conducted proof-of-concepts (POCs) to optimize system efficiency

Technologies used: AWS (Apigateway, ECS, SQS, SNS, Cognito, DynamoDB, CloudWatch, Cloudfront, S3, Lambda) , Java, Quarkus, Spring, NodeJS, Angular, Material, SQLite, Datadog.

2019 - 2022   **Invillia**   Araraquara, Brazil
Senior Software Development
- GPWT
  - Played a pivotal role in addressing performance issues, fixing bugs, and implementing new features for a search engine for GTPW Brazil.
  - Created a POC with Kibana

- C6 Bank
  - Started work with the card team.
  - Built an API to communicate with another third-party service to create the credit cards and manage the credit card's limit.
  - Improved the basic card services and helped the customer service with problem solutions.
  - The stacks were mainly Kotlin, Javalin, Fuel, Exposed and PostgreSQL as the main database.

- Ame Digital
  - Technical lead development of a Brazilian fiscal note issuer using a full-stack AWS approach for Americanas
  - Successfully processed over 500,000 coupons daily, 12.000 machine clients
  - Crafted the architecture, incorporating cutting-edge solutions such as microservices, the saga pattern, and event-driven architecture.
  - Employed Java with the Spring Framework in the realm of microservices to deliver scalable and robust solutions.
  - Utilized Node.js for serverless functions and DynamoDB as the database to ensure efficient data management.
  - Implemented Java with Quarkus for offline scenarios, aligning to adopt a lightweight, fast, and efficient framework.

- Achieved optimal performance and responsiveness in meeting the demands of Americanas' diverse retail operations through this strategic blend of technologies.

Technologies used: AWS (Apigateway, ECS, SQS, SNS, Cognito, DynamoDB, CloudWatch, Cloudfront, S3, Lambda), Java, Kotlin, Javalin, Fuel, Exposed, Quarkus, Spring, NodeJS, Angular, Material, PostgreSQL, SQLite, Datadog, New Relic.

2013 - 2019   **IBROWSER and Cast Group**   Porto Alegre, Brazil
Senior Software Development
- Instrumented the migration process by collaborating with stakeholders, analyzing requirements, planning the architecture, and executing the transformation.
- Migrated from the outdated JavaEE 5 framework to Java/CDI microservices with Angular/Boostrap as front end.
- Adopted microservices in Java 8 to improve scalability, modularity, and maintainability of the application.
- Ensured future maintenance and continuous improvements of the system.

Technologies used: Weblogic, JavaEE, Java 8, CDI, Angular, Microservices, APM.

2012 - 2013   **Bry Technonogy**   Florianópolis, Brazil
Mid Level Software Development
- Focused primarily on Java development within the digital certification domain in my role at BRY.
- Centered responsibilities around developing robust SDKs for digital signatures, including CADES, XAdES, CMS, and PAdEs.
- Worked on web technologies, specifically Applets, to facilitate the seamless utilization of the developed SDKs.

Technologies used: Java, Applets, Linux

Education

2010 - 2012   **Master's Degree in Software Engineering**
Federal University of Santa Catarina, UFSC, Florianópolis, Brasil

2002 - 2009   **Bachelor's Degree in Computer Science**
Federal University of Santa Catarina, UFSC, Florianópolis, Brasil