

Contact Information

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- **Citizenship:**
 - Italian
 - Brazilian

Professional Summary

I am a software engineer with a degree in Computer Science and over 6 years of experience in software development, with a primary focus on back-end technologies. My expertise lies in Java and frameworks like the Spring Project, where I design and implement scalable, robust, and high-performance solutions. I also bring experience in front-end development using frameworks such as React and Angular, allowing me to contribute across the entire stack when needed.

In addition to hands-on development, I have experience leading projects as a tech lead, guiding teams to deliver successful outcomes while ensuring technical quality. My skill set includes knowledge of testing techniques, DevOps practices, and software architecture, which I leverage to create reliable, maintainable, and efficient systems.

With a strong foundation in containerization tools like Docker, orchestration platforms like Kubernetes, and cloud services like AWS, I deliver solutions that are optimized for performance and scalability, ensuring technical excellence and adaptability to diverse project requirements.

Skills

| Category | Technologies |
|--------------|--|
| Backend | Java, OOP, Spring Boot, Spring Framework, Spring Data, Spring Security, Project Reactor, Project Lombok, MapStruct, Liquibase, NodeJS, Typescript, NestJS, Kafka, Restfull API |
| Frontend | React, NextJS, Angular |
| Test | Unit Test, Integration Test, Automation Test, Test-driven development, Behavior Driven Development, Playwright, Cucumber, Testcontainers, JUnit, Jest |
| Database | MongoDB, MySQL, Postgres, Elasticsearch, Amazon DynamoDB, H2 |
| Cloud | AWS, IBM, Vercel |
| Architecture | Microservices, Domain-Driven Design, Hexagonal Architecture, Event-driven Architecture |
| Devops | Git, CI/CD, Docker, Terraform, Jenkins, Buildkite, Kubernetes, Datadog, Grafana |

Work Experience

Tech Lead - BNP Paribas Personal Finance

- **Period:** 06/2024 - currently
- **Location:** Remote for Madrid, Spain
- **Responsibilities:**
 - Led a team of 4 developers to deliver high-quality solutions, including creating a reusable Angular component library, migrating internal banking products to modern technologies, collaborating with business teams to define implementation strategies, and mentoring the team to enhance processes and uphold best practices.
- **Technologies:** Java 17, Spring Boot, Spring Security, Spring Data (JPA and Hibernate), Liquibase, Elasticsearch 7, PostgreSQL 13, Lombok, MapStruct, JUnit, Docker, Testcontainer, RESTful API, IBM Cloud, Kubernetes, Vault,

Senior Software Engineer - Trimble Transportation

- **Period:** 04/2022 - 05/2024
- **Location:** Remote for Minnesota, USA
- **Responsibilities:**
 - Led the development of a transportation product used by over 500,000 trucks, collaborating with U.S.-based teams across time zones, solving technical challenges with agility and innovation, fostering team cohesion, and consistently delivering high-quality results; a detailed explanation of the product can be seen in the [PACCAR OTA](#) video.
- **Technologies:** Java 8, Java 11, Groovy, Spring Boot, Spring Security, Spring Data (JPA and Hibernate), Liquibase, Elasticsearch, MySQL, MongoDB, RESTful API, Kafka, NodeJs, Docker, Kubernetes, Terraform, AWS Cloud, AWS Serverless (Lambda functions, S3 Bucket, API Gateway, DynamoDB, SQS, SNS), AngularJS, React, Renovate Boot, Automation Test.

Mid-level Software Engineer - Trimble Transportation

- **Period:** 01/2021 - 04/2022
- **Location:** Remote for Minnesota, USA
- **Responsibilities:**
 - Leveraged Kubernetes, Docker, and AWS to enhance infrastructure scalability, applied advanced technologies to deliver high-quality software, represented the engineering team in complex projects, collaborated with clients to define technical solutions, and mentored junior team members to boost team performance.
- **Technologies:** Java 8, Java 11, Groovy, Spring Boot, Spring Security, Spring Data (JPA and Hibernate), Liquibase, Elasticsearch, MySQL, MongoDB, RESTful API, Kafka, NodeJs, NestJS, Docker, Kubernetes, Terraform, AWS Cloud, AWS Serverless (Lambda functions, S3 Bucket, API Gateway, DynamoDB, SQS, SNS), AngularJS, React, Renovate Boot, Automation Test.

Junior Software Engineer - Trimble Transportation

- **Period:** 04/2020 - 01/2021
- **Location:** Remote for Minnesota, USA
- **Responsibilities:**
 - Collaborated on system analysis and design, implemented optimized object-oriented models, developed and maintained features, resolved bugs to ensure reliability, and contributed to clear and accurate technical documentation.
- **Technologies:** Java 8, Groovy, Spring Boot, Spring Security, Spring Data (JPA and Hibernate), Liquibase, Elasticsearch, MySQL, Kafka, NodeJs, Docker, Kubernetes, Terraform, AWS Cloud, AWS Serverless(Lambda functions, S3 Bucket, API Gateway, DynamoDB, SQS, SNS), AngularJS.

Junior Software Engineer - MKX Websites

- **Period:** 09/2019 - 03/2020
- **Location:** Londrina, Brazil
- **Responsibilities:**
 - Utilized Scrum methodologies to prioritize tasks and ensure timely project delivery, resolved bugs in online shops, and created documentation for new and updated features.
- **Technologies:** Java 8, PHP, Spring Boot, JPA, MySQL, NodeJs, HTML, CSS, JavaScript, Git, GitHub.

Intern Software Engineer - MKX Websites

- **Period:** 09/2018 - 09/2019
- **Location:** Londrina, Brazil
- **Responsibilities:**
 - Assisted in developing new online shops, ensured seamless integration with payment methods and marketplaces, and collaborated with cross-functional teams to gather requirements and understand business

needs.

- **Technologies:** Java 8, PHP, Spring Boot, JPA, MySQL, NodeJs, HTML, CSS, JavaScript, Git, GitHub.

Education

Bachelor of Science | Computer Science

- **Universty:** [State University of Londrina](#)
- **Location:** Londrina, PR - Brazil
- **Dates of Attendance:** 2014 - 2019

Certifications

AWS

- **Certification:** [AWS Certified Cloud Practitioner](#)
- **Period:** 10/2022 - 10/2025

Udemy

- Spring Boot and React JS: Develop Complete Web Applications
- Docker from Zero to Mastery - Containerization Demystified
- NestJS: The Complete Developer's Guide
- Docker and Kubernetes: The Complete Guide
- Complete Algorithms Complexity and Big O Notation Course
- Reactive Programming in Modern Java using Project Reactor
- Apache Kafka Series - Learn Apache Kafka for Beginners v3

Projects

Feitos para Viajar (Made to Travel)

- **Description:** I am passionate about traveling and love sharing my experiences and tips with fellow travelers. This passion led to the creation of [Feitos para Viajar \(Made to Travel\)](#), a platform dedicated to providing insights, stories, and practical advice to inspire and support travelers worldwide.
- **Technologies used:** Feitos para Viajar (Made to Travel) leverages Next.js and React for the frontend, deployed on Vercel Cloud with Playwright and Testcontainers for testing. The backend is a reactive programming application in Java 21 on AWS, utilizing serverless solutions like API Gateway and Lambda, and GitHub Actions for automated unit testing and code quality.

Articles

- **Description:** This project encompasses a collection of articles I'm writing on [medium@viniciusmchioratto](#), where I aim to share my expertise and insights with the broader community. These articles cover a diverse array of topics within the technology sector.

Languages

Language Proficiency

Portuguese Native

English Advanced

French Beginner