

JHONATA DEMUNER

SOFTWARE ENGINEER – ES, BRAZIL

jhonata.demuner@gmail.com +55 27 99912-0806 [linkedin.com/in/jhonatademuner](https://www.linkedin.com/in/jhonatademuner) github.com/jhonatademuner Portfolio

Software Engineer with experience in designing and implementing innovative solutions using Java on the Spring platform. Experienced in large projects with over 700,000 users, as well as developing applications with unit and end-to-end tests, AI, CI/CD, AWS, and Terraform. Practical knowledge in Kotlin, Go, and messaging systems, along with creating and maintaining technical documentation.

WORK EXPERIENCE

Wine

Software Engineer

(October 2023 - Present)

- Working at Wine, through GlobalSys, the largest wine e-commerce in Latin America and the world's largest wine subscription club.
- Optimized a geolocation microservice by applying classification algorithms and caching, improving accuracy by 95% and reducing costs by 50%.
- Fixed security vulnerabilities identified in penetration testing, following best practices and eliminating 100% of the found issues.
- Implemented optimizations in large data loads with ActiveMQ, applying parallelism to reduce processing time to less than 10% of the original duration.
- Improved the performance of both new and legacy systems through caching with Redis, reducing latency.
- Handle bug analysis and resolution in production, using tools like Grafana and Kubernetes, including during high-demand periods such as Black Friday.
- Develop and maintain various projects, including legacy code with Spring Framework (Java 7) and microservices with Spring Boot (Java 17 and 21).
- Develop interfaces using Java Server Pages (JSP) and jQuery, consistently receiving praise for attention to interface and user experience (UI/UX).

EDUCATION

Bachelor's in Information Systems

(2025)

- Federal Institute of Espírito Santo - IFES
- GPA: 4.2

PROJECTS

StudAI - AI-Powered Quiz Generation Platform

- Developed an AI-powered quiz platform using Spring Boot and FastAPI, integrating OpenAI for quiz generation from YouTube content.
- Led the design and contributed to the implementation of a scalable microservices architecture.
- Collaborated with the team to ensure functionality and a seamless user experience.
- [Link to the repository](#)

LocalIf - Native Android Image Recognition App

- Developed a native mobile app for IFES Campus Serra using Kotlin, Python, and C/C++.
- Collaborated with the team to develop the feature extraction algorithm for campus location identification.
- Designed and implemented the path calculation algorithm, ensuring efficient route calculation.
- [Link to the repository](#)

ADDITIONAL

Technical Skills: Java, Spring Boot, Spring Framework, JUnit, RabbitMQ, PostgreSQL, MongoDB, Redis, AWS, Github Actions, Terraform, SonarQube, Grafana, Docker, Node.js, TypeScript, React, NextJs, Linux, Jira, Git

Languages: Native Portuguese; Professional working proficiency in English

Certificações e Cursos: AWS Educate Introduction to Cloud 101; Santander Bootcamp 2023 - Android Mobile with Kotlin;