JHONATA DEMUNER

SOFTWARE ENGINEER – BACHELOR OF INFORMATION SYSTEMS

jhonata.demuner@gmail.com   linkedin/jhonatademuner   github/jhonatademuner   Portfolio

ABOUT ME

I am a Software Engineer with experience in developing robust and scalable systems. My expertise includes Spring Boot, messaging systems with RabbitMQ and ActiveMQ, caching with Redis, and databases such as SQL (PostgreSQL, MySQL) and NoSQL (MongoDB). I also use tools like Grafana and Docker. Currently, I am responsible for developing new features and microservices as well as maintaining legacy systems.

Skills: Java, Spring Boot, JUnit, RabbitMQ, PostgreSQL, MongoDB, Redis, AWS, DevOps, Node.js, TypeScript, React, NextJs, Grafana, Docker, Git
Languages: Native Portuguese

PROFESSIONAL EXPERIENCE

Wine

Software Developer   (October 2023 – Present)

- Developed and maintained scalable software on the Spring platform, serving over 500,000 customers while ensuring high availability and performance.
- Fixed and optimized Spring Boot microservices, including integrating the Google Maps API to improve delivery time estimates and other critical services, directly enhancing customer experience and reducing operational costs.
- Built robust messaging systems using ActiveMQ, ensuring efficient communication between services.
- Leveraged Redis for caching, improving performance and reducing latency in both new and legacy services.
- Implemented emergency protocols to quickly resolve bugs during critical periods, such as Black Friday, ensuring system reliability and performance under high demand.

PERSONAL PROJECTS

Understanding the PageRank Algorithm Using Linear Algebra Concepts (Portuguese only)

- Analyzed Google's PageRank algorithm, highlighting the importance of links in ranking pages and discussing the mathematics involved, its advantages, limitations, and applications in web information retrieval.
- View Article

Clipboar - Text Sharing Application

- A text-sharing application developed in Java with Spring Boot. It allows text sharing over the network or via unique codes, featuring options like automatic expiration, secure code generation for sharing, and flexible data storage using MongoDB.
- View Repository

LocalIf - Native Android Image Recognition App

- A native mobile application for image recognition at IFES Campus Serra. It uses Python for image processing, C/C++ for feature extraction algorithms and pathfinding calculations, and Kotlin for a responsive Android interface. The app identifies campus locations from user-uploaded photos and calculates the shortest paths between points.
- View Repository

EDUCATION

Bachelor's Degree in Information Systems   (2022)

- Instituto Federal do Espírito Santo - IFES