JOSENALDO DE OLIVEIRA MATOS FILHO
Uberlândia - Minas Gerais - Brasil
+55 34 991830215 | josenaldo@gmail.com
https://github.com/josenaldo | https://linkedin.com/in/josenaldo

SUMMARY

- Software development professional with over 20 years of experience specializing in full-stack development and system architecture. Noted expertise in technologies like Java, focusing on the Spring ecosystem and Apache Kafka, and JavaScript, particularly React, NextJS, and MUI.
- Strong understanding of object-oriented programming, SOLID principles, Hexagonal Architecture, Clean Architecture, Design Patterns, and Domain Driven Design, with systematic application in projects.
- Recognized for playing a pivotal role as a senior professional in modernizing legacy systems for microservices and web architectures, influencing architectural decisions, acting as a technical reference for the team, and assisting in developing necessary competencies to ensure high-quality deliveries.
- Experienced in guiding and empowering junior and mid-level professionals, imparting essential knowledge in software design, best development practices, and adopting innovative technologies.

SKILLS

Fluent
- Object-Oriented Programming, SOLID, Hexagonal Architecture, Design Patterns
- Java, JPA, JDBC, Hibernate, Spring, Spring Boot, Spring Security, Spring Data, Kafka, Maven
- HTML, CSS, JavaScript, React, NextJS, MUI (Material UI), React Admin, React Hook Form
- Git, GitHub, MySQL

Proficient
- Software Architecture, Clean Architecture, Domain-Driven Design, Microservices, Progressive Web Apps, Mentoring Junior Developers, Software Testing, Database Modeling
- Junit, Mockito, JSF, EJB, CDI, Python
- Bootstrap, Typescript, Content Layer
- Docker, SQL, PostgreSQL, Scrum, Kanban, Notion

Familiar
- Clean Code,
- Hamcrest, AssertJ, Jest, Node, Tan Stack Query, Redux, Express, React Router, Strapi, Django, Pandas, Thymeleaf
- SQL Server, Oracle, CI/CD, Jenkins, Jira, Trello, Gitlab, AWS, Heroku

Languages
- Portuguese (Fluent), English (Intermediate B2)

Other
- Good communication, teamwork, collaboration, technical leadership, resilience, continuous learning, adaptability, problem-solving, attention to detail, and experience with agile methodologies.

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer | Algoryst Lab | October 2023 – Current
Client: MedEspecialista
- Took full ownership of maintaining and improving an educational platform for doctors, ensuring system stability and performance.
- Set up a staging/homologation environment (which previously did not exist), structured repositories, established development workflows, and implemented database backup strategies.
- Developed deployment automation scripts for both staging and production environments, improving release efficiency and reliability.
- Created comprehensive documentation for deployment processes, making onboarding and maintenance more efficient.
- Designed and implemented new features, including optimizing a key follow-up process, reducing execution time from **one month to just one day**.
- Diagnosed and fixed critical bugs, improving system reliability and user experience.

- Successfully replaced two full-time developers by handling all maintenance, bug fixes, and feature development **while working part-time**, demonstrating exceptional productivity and technical efficiency.

Client: Muvz
- Headed a project to modernize applications for a major newspaper client by migrating Java (EJB) legacy services to **5 microservices**, utilizing **Java 17, Spring Boot, Spring Security, Spring Data JPA, Spring Cloud Open Feign, and Apache Kafka**.
- Implemented advanced **front-end interfaces** using **Typescript, React, Next JS, React Admin, React Hook Form, Tan Stack Query, and MUI**, enhancing performance and functionality.
- Created a robust **back-office system** with **Spring Boot** and **React Admin** to manage essential settings across microservices.
- Spearheaded **Apache Kafka implementation**, mastering the technology, developing proof-of-concepts with Spring, and deploying a **Docker stack for local development**.
- Collaborated with **DevOps** to deploy the **Kafka cluster on Kubernetes** and documented learning paths for continuous team education.
- Built multiple **Kafka integrations**, including a robust **email delivery microservice** with logging and auditing functionalities, enabling asynchronous communication.
- Provided invaluable **leadership and mentorship**, guiding the team to adopt **Hexagonal Architecture, SOLID principles, DDD**, and best practices in Java and JavaScript development.
- Played a pivotal role in **eliminating project delays (initially estimated at 3 months)**, ensuring timely delivery and improved development efficiency.

Senior Full Stack Developer | Conddiz | March 2022 – August 2022
- Acted as a Senior Full Stack Developer on projects supporting a presidential campaign, involving analyzing and implementing a back-end system with NodeJS and Strapi, and 3 front-end applications using JavaScript, React, NextJS, MUI, and React Hook Form.
- Developed applications include the campaign website, a gamified video app, and a TV app with interactive programming, such as YouTube chat for live streams and Twitter timeline for campaign ads.
- Mentored new team members, providing training, code reviews, pair programming, and promoting good development practices.

Software Architect | Digidados | February 2015 – November 2016
- Worked as Software Architect for the project (Condominium Management System), with responsibilities including gathering requirements from users and the Project Owner, developing the system architecture, and overseeing application construction.
- Coordinated and mentored the team, focusing on technologies like Java and the Spring ecosystem (Spring Boot, Framework, Data, Security), JavaScript, AngularJS, MySQL, and AWS (EC2 and S3) while promoting good development practices.

Senior Java Developer | Sankhya | November 2013 – January 2015
- Developed a printing management service for the Sankhya ERP, replacing the previous service based on Java Applets (a discontinued technology). The new service was implemented in Java 8, Guice, and JUnit (for testing), with the front-end developed in Adobe Flex and communication via REST.
- Contributed to Sankhya ERP improvements using Java EE on the back-end and Adobe Flex on the front-end.

Senior Back-end Developer | TQI | October 2011 – October 2012
- Acted as an architect and developer in an internal project, developing the back-end in Java (Spring MVC, Spring Framework, and Spring Data) and the front-end in JavaScript (HTML, CSS, Bootstrap, and JQuery) with an Oracle database.
- Assigned to the Buscapé client project, utilizing PHP, Zend Framework, HTML, CSS, Bootstrap, JQuery, and MySQL.

ADDITIONAL EXPERIENCES

Tech Community Leader | UAIJUG – July 2009 – October 2018
- Led the Java Users Group of the Triângulo Mineiro region, participating in and organizing events, lectures, and courses aimed at promoting the Java ecosystem in the area.

EDUCATION

- Arquitetura do Projeto Prático - Codeflix | Full Cycle | 6h
- Apache Kafka | Full Cycle | 18h
- EDA - Event Driven Architecture | Full Cycle | 10h
- RabbitMQ | Full Cycle | 6h
- Arquitetura baseada em microsserviços | Full Cycle | 10h

- Sistemas Monolíticos | Full Cycle | 10h
- Clean Architecture | Full Cycle | 2024 | 30h
- Arquitetura Hexagonal | FullCycle | 2024 | 18h
- Event Storming na Prática | Full Cycle | 2024 | 10h
- DDD: Modelagem Tática e Patterns | Full Cycle | 2024 | 34h
- Comunicação entre sistemas: REST, GraphQL e gRPC | Full Cycle | 2024 | 18h
- Docker | Full Cycle | 2024 | 21h
- Kafka for Developers using Spring Boot | Udemy | 2024 | 17h
- Domain Driven Design | Full Cycle | 2024 | 6h
- SOLID Express | Full Cycle | 2024 | 3h
- Kafka for Beginners | Udemy | 2024 | 5h
- Fundamentos da arquitetura de software | Full Cycle | 2024 | 15h
- Full Stack Open - 1 to 7 - React, Redux, Node.js, MongoDB, GraphQL e TypeScript | University of Helsinki | 2023| 225h
- Formação Python para Data Science | Alura | 2022 | 50h
- Create your next app using Next.js and Strapi | Jamstack Training | 2022 | 20h
- Python Avançado | Alura | 2021 | 76h
- Formação Python | Alura | 2021 | 85h