

WALTER M. R. MANSKE

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SKILLS

- *Languages:* Java, JavaScript, PHP, SQL.
- *Frameworks:* Spring Boot, Next.js, React, Laravel.
- *Cloud/DevOps & Tools:* AWS, Docker, Kubernetes, Git, Keycloak.
- English Professional Working Proficiency (Upper-Intermediate/B2), Portuguese (Native)

WORK EXPERIENCE

WEG: Software Engineer

06/2025 – now

- Spearheaded the end-to-end global implementation of Microsoft Dynamics, driving the project from initial conception and an MVP in Africa to full-scale rollouts in Brazil, Germany, and the US, while engineering core functionalities and aligning stakeholders.
- Engineered scalable RESTful APIs using Java 17+ and Spring Boot for the EASY System, integrating complex sales modules to ensure high availability across global business units.
- Drove the architectural migration and continuous maintenance of microservices, significantly optimizing system performance and resilience within a distributed architecture.
- Resolved critical L3 production issues by diagnosing complex system behaviors, ensuring business continuity, and minimizing downtime for enterprise platforms.

WEG: Software Engineering Intern

08/2024 – 06/2025

- Co-architected the transition of a legacy monolithic goal-setting system into a cloud-native microservices architecture using Java and Kubernetes, drastically reducing technical debt.
- Developed full-lifecycle features by building a Next.js/React frontend with a custom TypeScript design system and engineering backend APIs with optimized PostgreSQL queries.
- Implemented automated CI/CD pipelines via Jenkins and centralized authentication using Keycloak (OAuth2/OIDC), securing the application and streamlining Agile deployments.

Rauzee: Software Engineer

01/2024 – 08/2024

- Engineered scalable microservices and RESTful APIs using Java and Spring Boot, optimizing MySQL databases to ensure robust end-to-end backend performance.
- Orchestrated application deployments and container management utilizing Docker and Kubernetes, establishing seamless CI/CD integrations to guarantee high availability.
- Built responsive frontend architectures with Next.js and React, while simultaneously driving the maintenance and stabilization of legacy PHP/Laravel systems.
- Championed code quality and continuous sprint delivery through active technical planning, comprehensive code reviews, and strict adherence to Agile Scrum methodologies.

PROJECTS

Tramitta: B2B SaaS Platform

- *Designed a full-stack B2B onboarding platform from scratch using a Next.js/React frontend and a Java 17+ Spring Boot API to streamline vendor registration.*
- *Architected a scalable AWS cloud infrastructure utilizing Docker, EC2, RDS (PostgreSQL), and S3 for secure document storage.*
- *Secured the platform with robust OAuth2/OIDC authentication flows, ensuring data privacy and strict access control.*

EDUCATION

Catholic University of Santa Catarina || Jaraguá do Sul, SC
B.S. Software Engineering, Certificate: Mathematics

Jan 2024 – Dec 2027