

Josimar Silva

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Introduction

Software Engineer with 10+ years of experience fostering technical excellence and leading high-impact initiatives in cloud-native environments. Proven track record of reducing operational costs, mentoring engineers to career advancement, and delivering scalable solutions that drive business value.

Specialized in JVM-based technologies (Kotlin, Java, Gosu), microservices architecture, and Kubernetes ecosystems. Led critical migrations, established engineering standards that reduced maintenance overhead by 10%, and automated DORA-inspired metrics to improve team performance. Published open-source software and drives technical knowledge-sharing initiatives across engineering teams.

Skills

Leadership & Architecture: Technical Leadership, System Design, API Design, Mentoring & Coaching, Cross-team Collaboration, Engineering Standards

Backend Engineering: Kotlin, Java, Gosu, Spring Boot, Micronaut, RESTful APIs, Event-Driven Architecture, Microservices

Cloud & Infrastructure: Kubernetes, AWS, Helm, Terraform, Docker, Infrastructure as Code

DevOps & Automation: GitLab CI/CD, Github Actions, RenovateBot, Gradle, Maven, Shell Scripting, Automation Pipelines

Observability & Quality: Prometheus, Grafana, SonarQube, E2E and Performance Testing, Code Quality Practices, Security Standards

Data & Integration: PostgreSQL, MSSQL, DynamoDB, Redis, AWS SQS, AWS SNS

Experience

Staff Software Engineer | FRIDAY Insurance, Berlin, Germany | Jan 2023 - Present

- **Architectural guild member**, guiding teams in architectural decisions and driving technical alignment across the Engineering Chapter
- Led cross-chapter initiatives and projects, establishing technical standards and best practices organization-wide
- **Reduced security fix deployment time by 10%** by standardizing base images for JVM-based systems and automating security updates with RenovateBot and nightly container image rebuilds
- **Automated and consolidated DORA-inspired engineering maturity metrics** (Security Issues, Code Quality, Time to Response, Defect Ratio) to identify and address team pain points systematically
- **Mentored 4 junior/mid-level engineers**, with 2 achieving salary raises within 6 months through focused 1:1s, knowledge-sharing sessions, and actionable feedback
- **Led PolicyCenter v9 to v10 migration** managing a team of 3 engineers with zero delays, reducing maintenance costs by 10% while improving developer experience—earning CTO recognition for execution excellence
- Actively contributed to hiring process, reviewing code challenges and conducting technical interviews for Software Engineer candidates

Technologies: Kotlin, Java, Gosu, Spring Boot, Micronaut, Kubernetes, Helm, AWS, GitLab CI/CD, RenovateBot, Terraform

Software Engineer | FRIDAY Insurance, Berlin, Germany | Mar 2020 - Dec 2022

- **Delivered FRIDAY's first French insurance product** with high-availability, high-performance APIs, enabling market expansion with technical excellence and business value
- Implemented **BiPRO standard integration** to exchange documents with third parties for German insurance products, streamlining partner communication
- Led workshops on **Kubernetes and Helm fundamentals** for new joiners, fostering knowledge-sharing and accelerating team onboarding
- **Published open-source SonarQube plugin for Gosu language**, contributing tooling to the Gosu open-source community
- Developed and owned features end-to-end in policy management domain, implementing public and internal APIs focused on process automation

Technologies: Kotlin, Java, Gosu, Spring Boot, Micronaut, AWS, Kubernetes, Helm, GitLab CI/CD, PostgreSQL, DynamoDB

Software Engineer | Youse Insurance, São Paulo, Brazil | Jun 2017 - Feb 2020

- **Led a 2-person team developing a chatbot project** to reduce customer inquiry response time on social media channels (Facebook, WhatsApp), improving customer experience
- **Improved billing platform stability** by systematically tackling long-standing technical debt, reducing production incidents
- Developed customizations and new features for Guidewire products (PolicyCenter, ClaimCenter, BillingCenter) in Agile environment
- Built microservices and automation tools using event-driven architecture (RabbitMQ) to improve internal processes
- Implemented features, ML training pipelines, and managed customer service chatbot infrastructure using Dialogflow

Technologies: Ruby, Gosu, Node.js, RabbitMQ, Dialogflow (API.AI), Guidewire Platform, Microservices

Guidewire Consultant | Abaco Consultores, Brasília, Brazil | Sep 2016 - Jun 2017

- Developed customizations and features on Guidewire products (ClaimCenter, ContactCenter, BillingCenter, PolicyCenter) for Youse Insurance

Java Developer | 3Way Networks, Brasília, Brazil | Feb 2015 - Jul 2015

- **Refactored legacy applet** for radar image analysis for Federal Road Police, reducing maintenance overhead and improving performance

Projects

Homelab | github.com/josimar-silva/homelab

- Built Kubernetes cluster from scratch using **Talos OS** on repurposed thin clients and old laptops, reducing setup costs
- Implemented **GitOps with FluxCD** for automated release and deployment workflows
- Created **2 custom Helm charts** to streamline application deployment to the cluster
- Configured storage solutions and security policies to ensure cluster stability and security compliance

Gosu SonarQube Plugin | Open Source (via FRIDAY Insurance)

- **Led single-person initiative** to open-source FRIDAY's internal SonarQube plugin for Gosu
- Executed comprehensive license analysis and established community management processes and release workflows
- **Refactored build system from Maven to Gradle**, significantly improving build performance
- **Designed custom DSL** to simplify test writing for contributors, lowering barrier to community contribution

Education

- Bachelor's Degree in Information Systems, CNEC, Unai-MG, Brazil August 2010 - July 2014

Languages

- **English:** Full professional proficiency
- **Portuguese:** Native
- **German:** Intermediate



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