

Juan Valdivia

Software Engineer

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Professional Summary

Software engineer with 9+ years building and scaling distributed systems, now leading two B2B engineering teams at Bose. Specialized in platform engineering and microservices architecture, with hands-on expertise in Java and Go for cloud-native applications. Led critical platform transformations at Carlsberg, enabling product teams to scale across 10 European markets. Strong track record in API design, developer experience, and turning legacy systems into reliable, modern platforms.

Skills

- **Platform Engineering:** API design, developer experience, inner-source practices
- **Programming:** Java/Spring Boot and Quarkus, Go, TypeScript, Python
- **Cloud & DevOps:** AWS, Azure, GitHub Actions, Datadog, Docker, Kubernetes, Terraform
- **Data & Messaging:** MongoDB, DynamoDB, DocumentDB, OpenSearch, Kafka
- **Languages:** Portuguese (native), Spanish (native), English (C2), French (C1)

Education

2011–2015, ISCTE–University Institute of Lisbon

BSc in Software Engineering (with postgraduate coursework in Information Systems & Computer Engineering)

Experience

Mar 2025–Present, *Tech Lead, Bose*

Leading two B2B engineering teams (5 engineers each): one owning a business-critical e-commerce stack built on AEM, Hybris, and a K8S cluster of Java 17 / Spring Boot microservices — and another responsible for ERP and CRM systems and their enterprise integrations. Driving the migration from this stack to Salesforce, while restructuring development practices to improve delivery quality and team efficiency across distributed locations.

Jan 2019–Dec 2024, *Software Engineer → Platform Engineer → Tech Lead, Carlsberg Group*

- **CADI Platform (2019–2021):** Architected greenfield microservices sales platform on AWS Fargate, delivering MVP in 7 months and scaling to 10 European markets within 18 months. Built event-driven backend architecture for real-time data synchronization, while implementing offline-first mobile design ensuring sales teams could operate without constant connectivity. Achieved 99.98% availability (2 hours total downtime) while continuously adding functionality.
- **Platform Engineering Team (2022–2023):** Refactored monolithic services into event-driven microservices; introduced Go-based serverless functions for event-processing workloads (fast cold-start, low overhead vs. Java/Quarkus). Built reusable API-first platform services adopted by 8 product teams; championed inner-source practices. Reengineered release process from 2-week branches to trunk-based CI/CD with feature flags, cutting deployment lead time from 14 days to near real-time. Implemented Datadog observability (metrics, logs, traces) across Fargate services via sidecar agent and Java APM.
- **E-commerce Tech Lead (2023–2024):** Led stabilization and modernization of a legacy B2B e-commerce platform across 6 markets, reducing over 600 security vulnerabilities to zero. Applied MACH architecture principles and IaC with Terraform. Initiated migration of containerized services from Azure to AWS for platform consistency and security. Contributed to engineering hiring.

Oct 2017–Dec 2018, *Software Engineer, STEF-IT*

Enhanced customer management platform for a major logistics provider, modernizing GWT-based UI and SOA services to improve maintainability and performance. Mentored more junior developers.

Aug 2016–Aug 2017, *Software Engineer, TIMWE Group*

Built back-office platform for mobile VAS services, handling high-volume user data and migrating 750K accounts across 6 countries. Integrated services via HTTP, DIAMETER, and SOAP protocols, ensuring reliable interoperability between TIMWE, telecom carriers, and partners.