Juan Valdivia

Software Engineer

Lisbon, Portugal • me@juanvaldivia.dev • (+351) 968 640 681 • linkedin.com/in/juanvaldivia

Professional Summary

Experienced software engineer with 9+ years building and scaling distributed systems. 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 while establishing engineering best practices. Passionate about developer experience, API design, and building resilient systems that balance innovation with operational excellence.

Skills

- **Platform Engineering:** API design, Developer experience, Inner-source practices
- **Programming:** Java (expert), Go (serverless/Lambda), Python, TypeScript
- **Cloud & DevOps:** AWS (Lambda, ECS/Fargate, EventBridge), Azure, Terraform, GitHub Actions
- **Languages:** Portuguese (native), Spanish (native), English (C2), French (C1)

Education

2011–2015, ISCTE–University Institute of Lisbon

BSc in Software Engineering (completed select MSc coursework)

Experience

Mar 2025–Present, *Tech Lead*, Bose

Leading two B2B teams: one focused on e-commerce platform (AEM, Hybris, microservices architecture) and another handling enterprise integrations, ERP and CRM systems. 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 9 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 legacy monolithic services into event-driven microservices, improving system reliability and migrated critical event processing workloads to Go-based serverless functions, reducing cold-start latency compared to Java implementations.
  Led initiative to build reusable, API-first platform services adopted by 8 product teams while championing for innersource practices
  Reengineered branch strategy from 2-week release branches to automated trunk-based CI/CD with feature flags, reducing deployment lead time from 14 days to near real-time after commit.
  Implemented Datadog observability stack on AWS Fargate using sidecar agent containers and Java APM agent integration, enabling full metrics, logs, and trace visibility across services.
- **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 and improving operational reliability. Applied MACH architecture principles and IaC with Terraform. Initiated migration of containerized services from Azure to AWS to increase platform consistency and security.
  Conducted technical interviews and contributed to hiring processes to strengthen the engineering team.

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.