Ivan Gonzalez Cabral

Lead Engineer — Backend · DevOps · Platform · FinOps · AI

📍 Netherlands · EU Remote

✉️ ivangonzalezcabral94@gmail.com

🔗 linkedin.com/in/ivan-gonzalez-cabral

Lead Engineer with 10+ years of experience in Backend, DevOps, and Platform Engineering. I design and deliver cloud-native platforms on AWS that stay simple while scaling with business needs. Known for turning complexity into clarity, setting pragmatic engineering standards, and building systems that are reliable, maintainable, and built to last.

EXPERIENCE

Tech Lead
iptiQ by Swiss Re · Apr 2022 – Present

AI Integration · AWS · Java/Kotlin · Spring Boot · Kafka · Kubernetes · Terraform · PostgreSQL · MongoDB · GitLab CI

- **Platform Engineering Enablement** — Founded and led the Platform Engineering team, driving DevEx and DevOps. Accelerated delivery, reduced onboarding time, and raised quality standards by centralizing processes, tooling, and practices.

- **AI-Powered Email Processing** — Integrated AWS Bedrock to categorize emails from SNS and trigger automated workflows. Reduced execution time from ~7 minutes to ~15 seconds.

- Achieved a **15% reduction in monthly AWS costs** across the organization with FinOps operations.

- **Ephemeral Test Environments** — Cut E2E test costs from ~€6,000 to ~€350/month and reduced cycles from ~4h to ~40m with automated ephemeral environments.

- **Kafka Streaming** — Designed and implemented Kafka-based event streaming to capture and route all system events into a centralized notifications system. This foundation enabled real-time partner notifications.

- **Distributed microservices** — Delivered microservices with event-driven architecture, DDD, and Hexagonal patterns. Built robust services with unit and integration tests supporting mission-critical insurance ops.

SKILLS

AWS · AI Integration · Java · SpringBoot · Docker · GitLab CI · Kubernetes · Helm · Terraform · Grafana · Kibana · Elastic Search · Prometheus · Kafka · PostgreSQL · MongoDB · OAuth2 · DDD · Hexagonal Architecture

CERTIFICATES

CKAD — Certified Kubernetes Application Developer

LANGUAGES

English
Spanish

Tech Lead
FinanceFair · Apr 2019 – Apr 2022

AWS · Java · Spring Boot · MongoDB · PostgreSQL · Docker · GitHub Actions

- **OAuth2 Authentication Services** — Implemented standalone authentication microservices for distributed systems, issuing and verifying JWT bearer tokens.
- **Cloud Migration & CI/CD Modernization** — Led migration from Azure to AWS and replaced Jenkins with GitHub Actions, streamlining deployments and improving reliability.
- **Double-Entry Bookkeeping Engine** — Built a banking-grade ledger that powered financial operations, enabling finance teams to manage transactions directly from the platform.
- **Auction & Bidding System** — Designed and developed engines for daily auctions, integrating automated and manual flows with core finance services.

Senior Software Engineer
arte · Mar 2018 – Apr 2019

AWS · Java · Kafka · SQL · Docker

- **Kafka Infrastructure** — Delivered the company's first Kafka backbone to support real-time data pipelines.
- **Construction Projects Portal** — Led development of a public portal for the Canary Islands Government showcasing active construction projects.

Other Experience
Apr 2016 – Mar 2018

- Early-career engineering roles and foundational learning.