

# KAREL MUÑIZ PERDOMO

## Senior DevOps Engineer

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Amsterdam

### EXPERIENCE

**DevOps Engineer** 03/2022 - 02/2024  
**ING Groep N.V.** Amsterdam

Collaborating with development and operations teams, I design and implement cutting-edge applications for real-time monitoring of global payments, transactions, and fraud detection (GIOM). My role also includes optimizing and managing cloud infrastructure on Azure using Ansible, while ensuring robust security policies and system patching to maintain compliance and reliability.

- Led a cross-functional DevOps team, adopting agile practices to improve incident response times by 30% and enhance application support efficiency.
- Monitored and scaled Java applications and queues using Jenkins and Ansible, enhancing system performance and reliability.
- Addressed blocked payments and transfer incidents, ensuring quick resolution to maintain transaction flow and customer satisfaction.
- Java17, J2EE, SpringBoot, Azure, Ansible, CI/CD, Docker, Terraform, Python, Angular, OracleDB, ELK.

**Senior Software Engineering** 12/2020 - 04/2022  
**Icemobile** Amsterdam

Developed and optimized data-driven loyalty solutions for the next generation of the Brand Loyalty retail portal, enhancing user engagement by 20%. Designed and implemented scalable APIs using Java11 and NodeJS to integrate multiple services across the Icemobile ecosystem. Leveraged PostgreSQL for efficient database management and Jenkins for continuous integration, improving deployment frequency and system stability.

- Developed APIs for core Icemobile services using Java and NodeJs, running on Openshift and Azure, which improved service efficiency and scalability.
- Breaking monolithic services into microservices, increasing code coverage, and simplifying integration tests.
- Java, J2EE, Openshift, Azure, NodeJs, Mocha, React, React Native, Typescript CI/CD, Docker, GraphQL, RabbitMQ.

**Senior software Engineer** 12/2017 - 12/2020  
**Nike** Amsterdam

Development and migration of the Nike Digital System for European, Asian, and the World Cup in Russia 2018. S.I.M. (Store Inventory Management). Agile teamwork, following engineering models distributed between Portland and Amsterdam.

- Agile teamwork, following distributed DevOps model, giving support 24/7
- Migration and adaptation to the European environment of the Nike Digital Services for tracking the stock of physical stores.
- Implementing zero downtime deployment with blue/green pipeline.
- Java11, AWS, Cucumber, Scala, Akka, CQRS, Docker, Kubernetes, React Js, ActiveMQ, ELK, CloudWatch, Kafka, Javascript, Python, EKS, S3.

**Analyst** 12/2012 - 02/2016  
**NTT DATA** Barcelona, Spain

As the Technical Lead for the batch team at NTT Data, I spearheaded the re-design and optimization of batch processes for Gas Natural, Spain's largest gas and electricity distributor. In under a year, I improved the performance of all critical processes, surpassing expectations, while fostering team satisfaction and productivity. This transformation enhanced operational efficiency and delivered measurable value to stakeholders.

- The batch processes are organized in chains of tasks with cron, daily, weekly, monthly, or yearly, for example, generate invoices or modified customers.
- Communication between different modules is via ActiveMQ with an asynchronous queue. The front-end is built with Flex.
- Improvement of batch process performance above expectancy thresholds using Yourkit profilers
- J2EE, Hibernate, SpringFramework, SpringBatch, JMS, Jira, Oracle DB, JSF, Jenkins, ActiveMQ

**Analyst-Developer** 11/2011 - 05/2012  
**AGS-Alpama** Barcelona

**Analyst-Developer** 09/2008 - 06/2010  
**Cast-Info** Barcelona

### SUMMARY

Experienced Java/J2EE Senior developer, with 14 years of experience. Passionate about architecture, open-source, agile and TDD. Ability to work effectively as a team member within distributed teams. Experience in development across banking and retail industries, specializing in back-end with high-performance environments, excellent knowledge of Spring and CI/CD

### KEY ACHIEVEMENTS

**Move to Cloud 900 Nike Stores**  
achieving zero downtime during high-traffic events and supporting 900 stores worldwide.

**Optimized global payment systems at ING**  
improving incident response times by 30% and enhancing application scalability with CI/CD on Azure.

### SKILLS

#### Tools

ActiveMQ · Akka · Angular · Ansible · AWS · Azure · CI/CD · CloudWatch · Cucumber · Docker · EKS · ELK · J2EE · Jenkins · Jira · Kafka · Kotlin · Kubernetes · Python · ReactJS · S3 · Scala · Spring Framework · SpringBoot · Terraform

#### DataBase

DynamoDB · OracleDB · PostgreSQL

#### Languages

Java17 · Java 21 · Javascript · Kotlin · Scala · Python

### FIND ME ONLINE

**in** [linkedin.com/in/oricha/](https://www.linkedin.com/in/oricha/)  
oricha

**Github**  
[github.com/oricha](https://github.com/oricha)

**StackOverflow**  
[stackoverflow.com/users/1554820/karel-muniz-perdomo](https://stackoverflow.com/users/1554820/karel-muniz-perdomo)

## EXPERIENCE

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Analyst Developer 12/2006 - 07/2008  
[Thales](#) Barcelona

## EDUCATION

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Bachelor's Degree, Computer Software Engineering 01/2002 - 12/2006  
[Polytechnic University Jose Antonio Echeverria, Havana, Cuba](#)

Lic Matemáticas, Matemáticas 01/2000 - 12/2002  
[University of Havana](#)