

# Badr Kacimi

Senior Software Engineer

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## INTRODUCTION

I'm a Senior Software Engineer & adaptable technologist, driven by strong team connections. Strong background in Java, software architecture, coupled with a growing focus on Cloud Infrastructure and emerging technologies like Generative AI.

## TECHNOLOGY & SOFT SKILLS

### DevOps and Cloud:

- Kubernetes administration
- AWS, Azure (limited)
- Terraform (IaC)
- Docker, Gitlab CI, Jenkins
- APM: Micrometer, Prometheus

### Backend:

- Java, Spring boot, REST APIs
- Apache Kafka
- Oracle DB, MongoDB
- Python (limited)

### Frontend:

- ReactJS, Redux-Saga

### Gen AI:

- Open AI, Spring AI, RAG

### Project Mgmt & Rituals:

- Trello, Jira, Azure Boards, Scrum, Waterfall
- Mob programming, Medium

## CERTIFICATIONS

- **Linux foundation:** Certified Kubernetes Administrator (CKA)
- **Oracle:** Oracle Cloud Infrastructure GenAI – Professional (IZ0-1127)
- **AWS:** AWS Certified Developer – Associate (DVA-C02)
- **Agile:** Scrum Foundation Professional (SFPC)
- **Capgemini Financial Services** Industry Global Banking Certificate

## EDUCATION

### Master of Engineering: Data and software | Statistics and Economic

National Institute of Statistics and Applied Economics, Morocco – 2018

**Thesis:** Development of a web application generator (Model-Driven Architecture)

## ACTIVITIES & HOBBIES

- Red Cross: European First Aid Certificate (BEPS)
- Former Budget Accountant, Head of Technical Cell at INSEA IT, INSEA TV
- Football, Music, E-sport (Call of Duty Mobile)
- Write Tech articles on Medium, Quora

## LANGUAGES

- French – Native proficiency
- Arabic – Native proficiency
- English – Bilingual proficiency
- Dutch – Elementary proficiency

## WORK EXPERIENCE

### Senior Software engineer – Blue Harvest Belgium

November 2023 – Now

- GenAI Squad: Knowledge sharing, Develop RAG & fine tuning POCs, Gen AI adoption for clients.
- Functional Collaboration: Support RFP response and coordinating

### Clients :

- **Senior Backend Engineer** – Tata Steel Netherlands :
  - Coil Lab MVP, TSN's first data as product project
  - Develop & deploy microservices with Spring Boot 3, Java 21 on Azure, Kafka for event driven architecture.
  - Experiment with GenAI: OpenAI and Spring AI to develop customer support chatbots.
  - Ensure alignment in the team, Trunk-based development aligned with Scrum practices
  - Create flowcharts, sequence, and architecture diagrams.

- **NLP Analyst** – Belfius Bank x Kore.Ai

- Kore.ai's Conversational AI chatbot for Belfius Bank
- Improved response quality and intent accuracy with precise language adjustments in daily testing.

### Software engineer – TUI

November 2022 – November 2023

**Musement :** Digital platform with local service delivery, with a global portfolio of **88.000+** experiences in more than **100+** countries and **1.000+** destinations worldwide.

- Support functional meetings, monitored alerts (on-call), and collaborated in mob programming.
- Migrate & develop microservices using Java 17 and Spring Boot 3, deploy on AWS.
- Analysis for migration self-managed Kafka to Amazon MSK,
- Create High Level and Low-Level Design document (HLD, LLD).
- Develop AWS Lambda functions & Configure pipeline in GitLab CI.

### Lead software engineer – Payment Center For Africa

October 2021 – October 2022

**Client :** Banque Populaire

**TradeNet :** Portal for managing your international trade transactions (Trade Finance).

- Stakeholder Alignment, Workload and Conflict Management, Code Review.
- Addressing security vulnerabilities with external cybersecurity team.
- Frontend Development with ReactJS and Redux-Saga; Backend Microservices with BFF pattern in Java 8 and Spring Boot 2
- Managed containerization and orchestration with Docker and Kubernetes.

### Software engineer – EURAFRIC INFORMATION

August 2018 – September 2021

**Clients:** Bank of Africa, Central Bank of the Kingdom of Morocco.

**Projects:** KYC, Dormant Accounts, Reporting accounts, Data Extraction

- Supported functional meetings, managed workloads, and resolved conflicts using Scrum and Waterfall practices.
- Delivered digital & core banking solutions including batch processes and web services using Java 6 & 8, EJB, Spring Boot 2, PL/SQL Procedures on Oracle DB, Cobol AIX.
- Configured Jenkins pipeline and ensured code quality with SonarQube.