Hamdi BOUGATTAYA

SENIOR FULL STACK JAVA DEVELOPER & KAFKA SPECIALIST

P Riyadh, Saudi Arabia
In hb12devtn

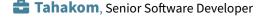
Professional Summary ____

Experienced Senior Full Stack Java Developer & Kafka Specialist with expertise in building scalable microservices, real-time data streaming solutions, and cloud-native architectures. Strong background in Spring Boot, Kafka, Kubernetes, and DevOps practices. Passionate about leveraging AI and cloud technologies to optimize large-scale distributed systems.

Education ____

University of Aix-Marseille, BSc of Computer Science and Mathematics	2018 – 2021
CNED, Paris, Diploma of Advanced Technician in Computer Science	2016 – 2018
University of Pisa, BSc of Computer Science (1st year)	2015 – 2016

Professional Experience _____



Feb 2025 – present

Extrared Srl, Senior Software Developer

Pontedera, Italy Jan 2022 – Jan 2025

Riyadh, Saudi Arabia

>> Customer: Azienda Unità Sanitaria Locale della Bologna (AUSL Bologna)

Project > Healthcare APIs and Microservices for mobile apps:

- Led the backend architecture and system design, ensuring scalability, security, and maintainability.
- Designed and implemented microservices architecture to power AUSL Bologna's healthcare mobile applications.
- Developed RESTful APIs for seamless communication between mobile apps, internal systems, and third-party services.
- Integrated third-party healthcare services, including identity management, external APIs, and patient data platforms.
- Built the entire CI/CD pipeline from scratch, leveraging GitLab CI/CD and ArgoCD for automated deployments on OpenShift.
- Enforced code quality and security standards, incorporating SonarQube and automated testing into the CI/CD workflow.

₹ Technologies: Java J2EE - Spring Framework - OpenShift - Jacoco - SonarQube - Docker - Kubernetes - GitLab CI/CD - ArgoCD - Keycloak - Prometheus

>> Customer: Autostrade per l'Italia S.p.A

Project > *IoT data collection, processing and enrichment:*

- Data collection using Kafka connectors
- Developed several Kafka Streams applications to process and enrich data
- Implemented automated testing with Robot Framework, increasing test coverage and minimizing manual QA efforts
- Managed CI/CD process

▼ Technologies: Java J2EE - Spring Framework - Kafka - Kafka Streams - Kafka Connectors - Confluent - Elasticsearch - OpenShift - AWS (EKS, EC2, S3, Athena) - Redis - Kibana - Jacoco - Robot Framework - Docker - Kubernetes - Jenkins - SonarQube - ArgoCD - Urbancode Deploy

>> Customer: Fendi

Project > Fendi Events Manager:

- Developed an event management platform, improving client booking experi-
- Stechnologies: Java J2EE Spring Framework Postgresql React Redux Toolkit - MUI - ViteJS - Swagger - Nginx
- >> Customer: Coopservice

Project > *Kimer@ mobile app:*

- Developed an asset management mobile app
- **Technologies:** Java Spring Framework React Native Keycloak Firebase Push notifications - Fastlane
- **Extracube Srl**, Senior Software Developer

>> Customer: Extra GROUP

Project > *Jira Expense Plugin:*

- Developed a Jira plugin to manage employees expense reports
- **₹ Technologies:** Java Spring Framework Postgresql React Redux Toolkit MUI - Atlassian UI kit - Atlassian Forge - Openshift - Tekton
- >> Customer: Banca Intesa Sanpaolo

Project > Roky, Shareholders:

- · Developed banking and financial microservices
- · Ensured quality with unit tests and Jacoco
- Stechnologies: Java Spring Framework (Boot, Batch) Openshift Keycloak -Kafka - DB2 - Oracle DB - Jacoco - JUnit - Jenkins
- Municipia Spa (ex Kiunsys Srl), Software Developer
- >> Customer: T-SYSTEMS Deutsche Telekom

Project > Park and Joy:

- Developed REST APIs for a mobile application (Park and Joy)
- · Developed a dashboard to track parking statistics
- Ensured quality with unit tests
- Improved existing code using SOLID design principles
- **Technologies:** Java Spring Framework JSP/Servlet MySQL AWS Docker -Jenkins - CircleCI - Jira - Confluence - Angular
- **Daxo Mobile and RFID**, Web Developer
- >> Customer: FUTURA and UC CONVERTING

Project > CMMS (Computerized Maintenance Management System):

- Developed a computerized maintenance management system
- **Technologies:** Java Spring Framework Postgresgl AWS Docker InfluxDB -Prometheus - Grafana - Angular
- **Microzed**, Software Developer Intern

>> Customer: BOMI

Project > CRM (Customer Relationship Management):

- Modified existing software to detect and correct errors, improve performance, and upgrade interfaces
- · Prepared reports on specifications and activities for each project

❖ Technologies: Visual Studio - .NET - C# - VB.NET

Pontedera, Italy July 2019 - Dec 2021

Pisa, Italy Dec 2017 - July 2019

Pisa, Italy Sept 2017 - Dec 2017

Megrine, Tunisia Jan 2017 - June 2017

Certifications

- Google Cloud Professional Cloud Architect (ID: 704c44155d784a53956e66a52e72a3d4) ☑
- Google Cloud Associate Cloud Engineer (ID: 922f565d6af546a6b9c131668f1295e0)
- Red Hat Certified Cloud-native Developer (ID: 240-218-073) ☑

Skills _

- **Programming Languages:** Java / Kotlin JavaScript/TypeScript Python SQL Rust Go Swift C / C++ / C# VB.NET
- Frameworks & Libraries: Spring Framework React / React Native Redux Toolkit Flutter Angular Apache Kafka (Streams, Connectors) Apache Camel
- Databases: Postgresql MySQL DB2 Oracle DB MongoDB Redis InfluxDB
- Cloud & DevOps: AWS (EKS, EC2, S3, Athena ...) Azure GCP Confluent Firebase Supabase Docker Kubernetes OpenShift Tekton Jenkins CircleCI ArgoCD Urbancode Deploy SonarQube Fastlane Git
- Monitoring & Testing: Elasticsearch Kibana Opensearch Prometheus Grafana Jacoco Robot Framework JUnit Mockito Test Containers
- Additional Tools: Keycloak Push notifications Swagger Nginx Atlassian Suite (Jira, Confluence, Forge)
- Methodologies: Agile Scrum CI/CD

Languages .

• Arabic (Native) - French (Bilingual) - English (Professional) - Italian (Professional)