Hamdi BOUGATTAYA

SENIOR KAFKA / JAVA FULL STACK ENGINEER

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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

💼 **Extrared Srl**, Senior Software Developer — Pontedera, Italy — Jan 2022 – present

» *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 experience

≋ **Technologies:** *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 — Pontedera, Italy — July 2019 – Dec 2021

» *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

≋ **Technologies:** *Java - Spring Framework (Boot, Batch) - Openshift - Keycloak - Kafka - DB2 - Oracle DB - Jacoco - JUnit - Jenkins*

💼 **Municipia Spa (ex Kiunsys Srl)**, Software Developer

Pisa, Italy
Dec 2017 – July 2019

➤➤ *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

Pisa, Italy
Sept 2017 – Dec 2017

➤➤ *Customer: FUTURA and UC CONVERTING*

Project ❯ *CMMS (Computerized Maintenance Management System):*

- Developed a computerized maintenance management system

⮒ **Technologies:** *Java - Spring Framework - Postgresql - AWS - Docker - InfluxDB - Prometheus - Grafana - Angular*

💼 **Microzed**, Software Developer Intern

Megrine, Tunisia
Jan 2017 – June 2017

➤➤ *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*

Certifications

- **Red Hat Certified Cloud-native Developer (November 2024)**

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)