KHORSI Mustapha Abdelaziz

Developer Analyst @ EADN

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Profile

A software engineer with a two years of professional experience (including internships) within backend developement and BigData.

Education

Master's degree in computer science,
Higher school of computer sciences (ESI ex INI) ⧉

2017 Sep – 2022 Sep
Algiers, Algeria

Professional Experience

Analyst developer,
Entreprise d'Appui au Développement du Numérique (EADN) ⧉

2023 Sep – present
Algeria

- Integrated into a significant company project aligned with the commitments of the Presidency of the Republic to digitize the foreign investment sector.
- Participated in the design and implemented backend features.
- Kept up with the client changing requirements.
- *Skills: Software Design, PostgreSQL, Spring Data, Spring JPA, Git, Spring Boot, Java EE.*

Software developer, *B-link Solutions* ⧉

2023 Mar – 2023 Sep
Algeria

- Developed new features for the "Assurance ERP" running in production serving more than 100 assurance agencies all around Algeria.
- Analyzed, developed, deployed, and presented an MVP (minimum viable product) for a bank client with the goal of handling ATM transactions' log files (approx 8400 transaction are uploaded daily).
- Secured the bank client commitments through the timely delivery of core functionalities, leading to successful contract agreements.
- *technologies used: Java EE 7, JPA, PrimeFaces JSF, Oracle SQL, iReport, Git & Payara Server.*

Research developer internship,
DOMUS Laboratory - University of Sherbrooke ⧉

2021 Sep – 2022 Jul
Sherbrooke, Canada

- Developed Kafka stream processing algorithms for real-time anomaly detection in aged people homes (approx 18 homes).
- The anomalies are detected in seconds after they occur instead of a whole day using the previously implemented batch processing methods.
- Represented the anomalies in real-time in a clear dashboard using Graphana and Prometheus.
- Developed RestAPIs for customizing the anomaly detection experience.
- Worked in an agile team and mentored by a senior software engineer.
- *technologies used: Kafka, Kafka Streams, Scala, Docker, MongoDB & FastAPI.*

Java developer internship, TELETIC   2020 Sep – 2020 Nov
Algeria
- Developed a desktop Java/JavaFX client application that enables supervision of SIM cards installed on dedicated devices.
- Helped the IT support team for quick visual anomaly detection.
- *Technologies used: Java & JavaFX.*

Skills

- Java 8 & 17
- Java EE
- Scala
- Hibernate
- SQL (PostgreSQL, Oracle, MySQL)
- NoSQL (MongoDB)

- SpringBoot
- Kafka & Kafka Streams
- Docker
- Git
- Linux
- Software design

Languages

Arabic
Native

French
Professional

English
Professional