Mohamed AKENOUCH
SOFTWARE ENGINEER

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FORMATION

Digital Services Development Engineer (ASEDS)

NATIONAL INSTITUTE OF POSTS AND TELECOMMUNICATIONS (INPT)

September 2020 - 2023 — Rabat,Morocco

Preparatory classes for engineering schools, Mathematics and Physics track (MPSI/MP)

Reda Slaoui Center - Agadir

September 2018 - August 2020 — Agadir,Morocco

High School Diploma in Mathematics B

Ibn Soulaiman Rasmouki-Tiznit High School

September 2017 - June 2018 — Tiznit,Morocco

INTERESTS

- **Playing chess.**
- **Tracking of pop-science videos.**
- **Playing volleyball.**
- **Playing Football.**
- **Reading manga.**

LANGUAGES

Arabic	**Native language**
French	**Professional**
English	**Professional**

PROFIL

I am a young, dynamic software engineer, full of ambition and motivated, looking for new professional challenges. Currently available, I am ready to immediately get involved in important projects and make my contribution.

EXPERIENCES

Engineer studies and development

Axelor | Septembre 4, 2023 - Present

• Development of applications in Java and XML, including the creation and implementation of BPM processes.

• Technologies: Java, , React, XML, Postgresql, Hibernate, GitLab, low-code development, Javascript

Optimization of a distributed application

Adria Business & Technology | February 20 - July, 2023

• Optimization and improvement of a distributed application (Adria product) across three levels: security (especially regarding credentials), performance (at the code level), and monitoring and debugging (by centralizing logs).

• Technologies: Spring boot, Dynatrace, Postgresql, Vault, Microservices, Kafka, Gatling, Design patterns.

CI/CD Azure Data Factory

Bank Of Africa (BMCE Group) | July 1st - August 31st, 2022

• Developed a CI/CD (Continuous Integration/Continuous Delivery) process for managing an Azure Data Factory following best practices.

• Technologies: Azure devops, Github, Azure Data Factory.

SKILLS

- Proficiency in algorithmic and programming using languages such as **Java**, **JavaScript**.
- Experience in designing computer systems and business processes using the **UML** standard.
- Proficiency in web application and REST API development using **ReactJs**, **Angular**, **NodeJs**, **Spring Boot**, **Java EE**, **Hibernate**, **HTML**, **CSS** and **Bootstrap**.
- Proficiency in SQL and database manipulation, including **Postgresql**, **MySQL** and **MongoDB**.
- Proficiency in UX/UI design and prototyping using **Figma**.
- Experience in performing unit tests (**JUnit**), as well as implementing performance tests, using **Gatling**.
- Experience in continuous integration/continuous deployment (CI/CD), including version control systems (**Git**) with proficiency in **Github** and **Gitlab**, building with **Maven**, continuous integration with **Gitlab CI** and **Jenkins** and containerization with **Docker**.
- Experience in microservices, including API Gateway (**Spring Cloud Gateway**), Service Discovery (**Eureka**), partial error handling (**Resilience4j**), event-driven data management (**SAGA, CQRS**), **OpenFeign, Spring Boot Actuator/Admin, Kafka**, and **Spring Cloud LoadBalancer**.
- Experience in implementing machine learning algorithms with **Pandas and Sklearn**.
- Basic understanding of **AWS** and **Kubernetes**.

ACADEMIC PROJECTS

Course Enrollment application

Mai 2022 - July 2022

• *Design and creation (development) of a web application designed for course management with functionalities allowing you to add and browse courses.*
• *Technologies: Microservices, Spring Cloud, Spring Boot, Angular 8, MySQL, H2, Hibernate, NodeJS, MongoDB, Docker..*

Elaboration de la RoadMap de la Transformation Digitale (Second-year end project)

April 2022 - June 2022

Designing and implementing (developing) a web application to automate the digital transformation process as much as possible.
• *Technologies: UML, Figma, MongoDB, Express, React.js, Next.js,Node.js, Redux.*

EasyML

February 2022 - March 2022

• *Design and implementation (development) of a web application that aims to facilitate the use of machine learning models.*
• *Technologies: UML, Figma, MongoDB, Express, React.js, Node.js, Redux, Python.*

MyProject (First-year end project)

May 2021 - June 2021

• *Design and development of a web application for a university project management.*
• *Technologies: UML, Figma, HTML, CSS, Javascript, Ajax, PHP, JQuery , MySQL.*

ASEDS SHOP

December 2020 - January 2021

• *Design and implementation (development) of an e-commerce web application*
• *Technologies: HTML, CSS, Javascript, Ajax, PHP, MySQL.*