



BAIBA Mohamed

Software Engineer

I am actively seeking new opportunities as a FullStack/Backend Engineer specializing in Java. Over the past years, I've had the privilege to work on various projects as a Java developer, gaining valuable experience and insights into the world of software engineering. Passionate about continuous learning, I am eager to expand my knowledge further. Dedication to improving and growing in the field drives my excellence as a software engineer.

Contact

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Education

• National school For Computer Science (ENSIAS)

in Rabat, 2020 - 2023

- State engineering degree in computer engineering, option Web Engineering and Mobile Computing.

• Preparatory Classes for Engineering Schools (CPGE)

in Laâyoune, 2017 - 2018, in Casa 2018 - 2020

- Certificate of Access to Engineering Schools, Mathematics and Physics Option (MP).

• Baccalaureate

in Es-Semara, 2017

- Baccalaureate in mathematical sciences A at Molay Rchid high school, Mention Very Good.

Technical Skills

- **Programming languages:** C, Java, Python.
- **Database:** MySQL, Oracle, MongoDB.
- **Web Development:** HTML, CSS, JavaScript, React, Spring Boot.
- **Modeling languages:** UML, Merise.
- **Environment:** Linux(Debian, RedHat, Arch, Nix), Windows.
- **Others:** OOP, Design Patterns, TDD, Git, VIM, Tmux, Micro-services Architecture, Containerization, Virtualization.

Certifications

- DevOps Foundations.
- Oracle Cloud 101.
- Java 8 Essentials Training.
- SQL Essentials Training.
- Linux Command Line.
- Git Intermediate Techniques.

Languages

- Arabic, English, French.

Experience

○ March 2024 - Present

Société des Silos Portuaires SOSIPO

Software Engineer

- Software engineer in the information systems department, responsible for the proper functioning of a business application called VLMS. VLMS is in charge of the management and administration of the Sosipo terminal in Morocco.
- Contribution to internal projects at Sosipo, dedicated to managing the company's internal processes.
- **Tools:** Java, JEE, JavaScript, HTML, CSS, SQL Server, Oracle Database, Linux (Redhat).

○ March 2023 - September 2023

Oracle Research and Development, MOROCCO

PFE Internship as a Java Software Engineer

- Member of Oracle Graph team, which focuses on implementing graph technologies into Oracle database.
- Developing new features in a Java API called pgql-lang that is responsible for translating and executing graph query languages called PGQL into Oracle database.
- Contributed to the implementation of the PGQL version of the LDSC Social Network Benchmark V2, which evaluates the performance and efficiency of graph databases when handling complex graph queries.
- **Tools:** Java, Gradle, Oracle Database, PL/SQL, Oracle Cloud, Oracle Linux, Bash, Jira.

○ July 2022 - September 2022

DiaaLand, MOROCCO

PFA Internship as a Java FullStack Engineer

- Conception and development of a social media web application that focuses on sharing opportunities, similar to LinkedIn.
- Learn and implement the Microservices architecture, which allows slicing the application into small services, with each service responsible for a specific functionality.
- **Tools:** Java, Spring Boot, Spring Cloud, Keycloak, Kafka, MySQL, MongoDB, Neo4j, Git, Docker.

Projects

• Media Recommendation Web Application

- **Objective:** a web application that present a multitude of films with their description and trailer.
- **Tools:** HTML, CSS, JavaScript, JEE, MySQL, and Git.

• Application Mobile Smart Home

- **Objective:** development of an Android application that allows the homeowner to consult critical information about his home and control multiple parts of his home through the integration of IOT and machine learning.
- **Tools:** Android Studio, Arduino, JAVA, Firebase, Gradle, XML and Git.