

Wafae Elhassani

Software Engineer

Sale, Morocco

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Experience

Bank Al-Maghrib

Software Engineer Intern

Feb 2024 - Jul 2024

Rabat, Morocco · On-site

- Developed a web application for digitizing the backup and archiving process using Spring Boot, Spring Data, Spring Security, JWT, PostgreSQL, Angular, and PrimeNG.
- Conducted testing with JUnit 5 and Postman, reducing bugs by 80%.
- Analyzed code quality with SonarQube, ensuring maintainability and reducing technical debt.
- Created CI/CD pipeline and managed the GitLab repository, including webhook creation for automated deployments using Jenkins.
- Deployed the solution on RedHat Linux and AWS using MobaXterm and Jenkins.
- Created dashboards for real-time metrics, and Implemented real-time notifications using SMTP for instant user updates.

OMDATA Consulting

Software Engineer Intern

Jul 2023 - Aug 2023

Nantes, France · Remote

- Enhanced the online presence of a restaurant through a dynamic website and administration application using PHP, JavaScript, HTML, CSS, AJAX, and Bootstrap.
- Added a dashboard for real-time metrics, improving operational efficiency .
- Managed database tasks to ensure data integrity and performance optimization.
- Deployed the system on the server for seamless online operation.

Education

National School of Applied Sciences

State Engineer in Computer Science with a specialization in Software Engineering

Sep. 2021 – Jul 2024

Al-Hoceima, Morocco

High School Moulay Youssef

Preparatory Classes for Engineering Schools (CPGE), Option MP

2017 – 2021

Rabat, Morocco

High School Salama Mossadeq

Baccalaureate in Physical Sciences, highest honors

2016 – 2017

Sale, Morocco

Technical Skills

Languages: C/C++, HTML/CSS, Java/J2EE, JavaScript, PHP, Python, SQL

Frameworks: Angular, Bootstrap, Express.js, Node.js, Spring Boot, Spring Data, Spring Security

Technologies/Tools: Docker, Kubernetes, Linux, Git, GitHub, GitLab, Jenkins, JUnit, Nexus, SonarQube

Projects

Shared Bill Tip Calculator Mobile App | Java, XML, Firebase, Android Studio

December 2023

- Designed and developed an Android app for calculating shared bills and tips, ensuring authentication and storing data.

Review of Scientific Publications | Python, XML, PostgreSQL, Odoo

November 2023

- Developed a system for reviewing scientific publications, using Python for processing and PostgreSQL for data storage.

Deployment of a Platform to Dokku | Spring Boot, Shell Script, Dokku, Docker, Nginx

October 2023

- Deployed a Spring Boot application to Dokku, automating deployment processes and configuring Nginx.

Contact Management Web Application | Spring Boot, Spring Data, Thymeleaf, MariaDB

May 2023

- Developed a web application to manage contacts with CRUD operations, search functionality, and responsive UI design.

Part-Time Professors Payment Management Application | JavaScript, AJAX, PHP, Bootstrap, MySQL

April 2023

- Created an application to manage payments for part-time professors, utilizing AJAX for asynchronous data handling.

Final Project and Thesis Defense Management Application | Java, JavaFX, XML, Scene Builder

December 2022

- Developed an application to efficiently manage final projects (PFE) and schedule thesis defenses.

Certifications

• Career Essentials in Generative AI by Microsoft and LinkedIn • Career Essentials in GitHub by Microsoft and LinkedIn • AWS Cloud Technical Essentials (AWS) • Migrating to the AWS Cloud (AWS) • Java Programming (Duke University)