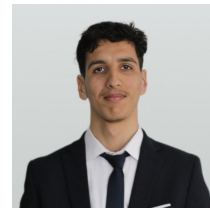


MOHAMED EL OUIZGANY

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Education

ENSA

State Diploma of Engineer in Computer Science

Sep. 2019 – June 2024

Tangier, Morocco

Relevant Coursework

- Data Structures
- Software Methodology
- Back-end Development
- Front-end Development
- Database Management
- Agile Methodologies
- Systems Design

Experience

Docaposte

Full-stack Developer Intern

Feb 2024 – July 2024

Casablanca, Morocco

- Assisted in the conception and development of a web application to centralize the management and aggregation of orders for Docaposte's business units. This replaced the traditional method, improving efficiency and streamlining service provision processes.
- Integrated various technologies to achieve a high-quality and high-performance product. Implemented Single Sign-On (SSO) for authentication, batch processing for data handling, and Test-Driven Development (TDD) to ensure quality code.
- Implemented a web stack comprising Java and Spring Boot on the server side, TypeScript and Angular on the client side, and PostgreSQL as a database.
- Collaborated within the team using the Scrum framework. Utilized Jira for project management, GitLab for version control, and Confluence for documentation.

ArtEyeZ

Full-stack Developer Intern

June 2023 – August 2023

Tangier, Morocco

- Assisted in the re-conception and development of a web application that serves as a lightweight PMS for enterprises providing services and selling products. The application digitalized the entire process from warehousing to invoicing.
- Implemented a web stack comprising Vue.js on the client side, Express.js on the server side, MySQL as the database, Amazon S3 for object storage, and Firebase for authentication.
- Collaborated within the team using the Scrum framework. Utilized GitHub for version control, ClickUp for project management, and Slack for communication.

Projects

Restaurant Management Microservices System | github.com/mouz11/food-ordering-system

2023

- Developed three microservices: Order, Payment, and Restaurant, which communicate with each other to manage and fulfill client orders.
- Followed Domain-Driven Design and Hexagonal Architecture to create well-organized, modular, loosely-coupled, and interchangeable components.
- Implemented SAGA, Outbox, and CQRS patterns, and centralized configuration.
- Used Technologies: Spring Boot, Apache Kafka, Docker, Kubernetes, PostgreSQL.

Microservices Project | github.com/mouz11/microservices-project

2023

- Developed three microservices: Product, Stock, and Order. These services interact with each other to complete the product ordering process.
- Implemented service discovery, centralized configuration, and centralized logging patterns.
- Used Technologies: Spring Boot, Apache Kafka, Keycloak, Docker, MySQL, MongoDB.

Online Clothing Store Web Application | github.com/mouz11/mouzShop

2022

- Developed a web application offering a variety of clothing items for sale, featuring different options for customers and an admin dashboard for managing inventory and orders.
- Integrated Stripe for payments.
- Used Technologies: React.js, Node.js, Express, MongoDB, Tailwind CSS, Stripe.

Technical Skills & Languages

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

Technologies/Frameworks: Spring Boot, Node.js, AngularJS, React.js, GitHub, JUnit

Languages: Arabic, English, French