

Aya HAMZA

Software Engineering Student

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LINKEDIN | GITHUB | HACKERANK | LEETCODE

EDUCATION

FACULTE DES SCIENCE ET TECHNIQUES DE TANGER
CYCLE D'INGENIEUR - LOGICIELS ET SYSTEMES INTELLIGENTS

2022 - 2025

Tanger

FACULTE DES SCIENCE ET TECHNIQUES DE TANGER
DEUST - MIPC (MATH, INFORMATIQUE, PHYSIQUE, CHIMIE)

2020 - 2022

Tanger

IBN BATTOUTA HIGH SCHOOL
BACCALAUREATE PHYSIQUE CHIMIE

2019 - 2020

Tanger

EXPERIENCE

TANGER MED PORT AUTHORITY | SUMMER INTERNSHIP

07/2023 – 08/2023

- Developed a Progressive Web App (PWA) notification system microservice.
- Utilized the MERN stack (MongoDB, Express.js, React, Node.js) for full-stack development.
- Implemented Docker containers for efficient deployment and scalability.
- Integrated WebSockets for real-time communication and instant notifications.
- Employed Git for version control, ensuring collaborative and organized development within a team to meet project goals and deadlines.
- Gained hands-on experience in building and maintaining microservices.
- Demonstrated adaptability and problem-solving skills in a fast-paced work environment.

SKILLS

PROGRAMMING LANGUAGES
LIBRARIES/Frameworks
TOOLS / PLATFORMS

TypeScript, JavaScript, Java, C++, Python, PHP
React.js, Angular, Express.js, Flutter, Symfony
Data Structures and Algorithms (DSA), Git, API Testing, Docker, Linux, Azure,
Nginx, UML, System Design
MongoDB, MySQL, PostgreSQL

DATABASES

PROJECTS / OPEN-SOURCE

FIVERR CLONE | [LINK](#)

MongoDB, Angular, express.js, Node.js, Stripe, Angular Materials, Socket.io

Developed a Fiverr clone platform using a modern tech stack, integrated Stripe for secure payment processing, leveraged Angular Materials for UI components, and implemented real-time chat functionality using Socket.io. This project showcased my full-stack development skills and ability to create a feature-rich web platform.

DIVO | [LINK](#)

Flutter, Sequelize, Node.js, MySQL

Contributed to the development of the 'Divo' mobile app for a dynamic startup in the delivery industry, working within the Microsoft Azure environment. Leveraged Flutter to build a cross-platform mobile application, ensuring a seamless user experience across iOS and Android. This project showcased my proficiency in mobile app development within the Microsoft Azure ecosystem, demonstrating my ability to deliver robust solutions for the delivery sector.

CERTIFICATIONS

- MongoDB Node.js Developer Path - **MONGODB**
- Angular (Basic) Certificate - **HACKERRANK**