HAJAR AIT ABDIELMOMIN

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| GitHub Profile

EDUCATION

Hassan 1st University – ENSA   **Berrechid, Morocco**
Degree   *Oct 2021 – Jun 2024*
- Engineer Degree in Computer Science Engineering.
- Carried out multiple team-based technical projects using Agile methodologies.

Ibn Tofail University – Faculty of Sciences   **Kenitra, Morocco**
Degree   *Nov 2020 – Jul 2021*
- Bachelor of Science in Mathematics and Computer Science.
- Bridged theory and practice through coursework in algebra, statistics, and computational logic, preparing for complex software engineering challenges.

Ibn Tofail Technical High School – BTS   **Kenitra, Morocco**
Degree   *Sep 2018 – Jul 2020*
- Higher Technician Certificate in Information Systems Development.
- Developed early projects that strengthened my skills in logical thinking, algorithmic problem-solving, and structured software design, laying the foundation for a career in software engineering.

PROFESSIONAL EXPERIENCE

Capgemini Engineering   **Casablanca, Morocco**
Software Engineer Intern   *Feb 2024 – Jun 2024*
Topic: Digitalization Of the Onboarding Process for New Hires and Monitoring the Skill Development of Consultants: "Welcome In".
- Collected and analyzed requirements, define functional specifications, and created UML diagrams to plan the project.
- Designed user interfaces with Figma and built them using ReactJs, NextJs, and Tailwind CSS.
- Developed the backend with Strapi CMS, TypeScript, Axios, and MySQL.
- Used Docker to containerize the app and deployed it on AWS.
- Worked in a Scrum team using Jira to manage sprints, user stories, and daily stand-ups in a collaborative Agile environment.
- Participated in an internal competition organized by the company; won **1st prize** for best project presentation and execution among all intern teams.

INFO ETOILE   **Kenitra, Morocco**
Software Engineer Intern   *Jul 2023 – Sep 2023*
Topic: Integrated Management of Jobs and Recruitment Process, « CareerHub » Platform.
- Worked independently on the design and development of CareerHub, a web platform for job and recruitment management.
- Defined project requirements, created UML diagrams, and handled both frontend and backend development.
- Created secured APIs using Spring Boot, Spring Security, and JWT authentication.
- Designed and optimized database schemas to manage job offers, applications, and user profiles.

WEBECO   **Kenitra, Morocco**
Web Developer Intern   *Jul 2022 – Aug 2022*
Topic: IT Ticketing System
- Contributed to the development of an internal IT ticketing system to track support issues.
- Used Laravel 8 (MVC architecture) and MySQL to build backend functionalities.
- Designed user-friendly interfaces using HTML and Bootstrap 4.

PROJECTS

Web Application – ENSA Berrechid Admission Process
- Worked in a team of 3 to develop a web application that simulates the student selection and admission process at ENSA Berrechid.
- Analyzed the real admission workflow used by the school, then modeled it using BPMN diagrams.
- Built responsive front-end interfaces using Angular and Bootstrap.
- Developed secure backend services with Java, Spring Boot, and Spring Security.
- Used MongoDB for data storage and Docker to containerize the application for easy deployment.

School Management Web Application – BTS Final Project
- Conducted a detailed analysis of how administrative tasks were managed at our BTS institution.
- Modeled the full set of school management processes using UML diagrams to ensure clear system understanding.
- Designed and developed the application using Java/JEE, following MVC and DAO architecture patterns.
- Created an interactive front end using HTML, CSS, JavaScript, jQuery, and Bootstrap.

Project Management System – Backend Development

- Defined functional requirements and designed the system using UML diagrams.
- Developed the backend independently using Spring Boot and secured it with Spring Security.
- Created RESTful APIs with role-based access control using JWT authentication.
- Managed data storage with MySQL.
- Documented APIs using SpringDoc OpenAPI for easy reference and integration.
- Containerized the application with Docker for consistent deployment.

PERSONAL

- **Languages:** Native in Arabic. Conversational in English and French. Learning new languages like Korean, Japanese and spain.
- **Technical Skills:** C, Java, J2EE, Spring Boot, Spring Security, HTML, CSS, JavaScript, TypeScript, ReactJS, Next.js, Angular, Tailwind CSS, Bootstrap, Material UI, SQL, PL/SQL, Transact SQL, Windows, Linux, Git, Maven, Docker, UML, BPMN, JUnit, Jira Software, Agile/Scrum.
- **Certificates:** Oracle Certified Professional: Java SE 17 Developer | Oracle Cloud Infrastructure Foundations | AWS Cloud Technical Essentials | JUnit Overview | Automation Script Using Selenium and Java | Introduction to Docker.