

# MOHAMED NAJIB

## SOFTWARE ENGINEERING STUDENT

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### SUMMARY

My name is Mohamed Najib, and I am 22 years old. Currently, I am pursuing my five year as a software engineering student at ENSAH . I am immersing myself in the world of software engineering, learning and gaining invaluable knowledge in both theory and practice. I have honed my skills in various technologies, utilizing them in real-world projects. My passion and curiosity in this domain drive me to continuously seek more knowledge.

### SKILLS

- JAVA SE
- JavaScript / Angular
- Linux / Docker
- PL-SQL Oracle
- Java EE, Servlets, Java Server Pages (JSP)
- Spring MVC, Spring Boot, Spring Security
- Git / GitHub
- C# /.NET

### PROJECTS

#### Exam Scheduling Application with Spring Framework

Designing and developing an exam management application for the National School of Applied Sciences of Al-Hoceima (ENSAH) using Spring Framework. The aim of the application is to streamline exam scheduling processes, personnel and room management, while providing features for tracking and generating detailed reports. Technologies utilized include Spring Security, Spring Data JPA, and Spring Boot. The application architecture is structured using a layered approach, comprising a presentation layer following the MVC model, a business services layer, and a data access layer implementing the DAO pattern.

#### The creation of a management and planning application for thesis defense

Led the development of a comprehensive management and planning application for thesis defense. Leveraged **Java**, **JavaFX**, and **SQL** to design and implement core functionalities, including user authentication, scheduling, and document management. Collaborated closely with cross-functional teams to ensure seamless integration of backend and frontend components. Conducted rigorous testing and debugging to ensure reliability and functionality. Recognized by stakeholders for delivering a high-quality solution that streamlined the thesis defense process, enhancing efficiency and user experience.

#### School Management System

Associated with Ecole Nationale des Sciences Appliquées d'Al Hoceima This project was a dynamic journey, built using **PHP**, **MySQL**, **JavaScript**, **jQuery**, **Ajax** and **Bootstrap**. It's been an incredible opportunity to apply technology to enhance educational processes, streamline administrative tasks, and contribute to the efficiency of educational institutions.

#### Online Quiz Platform

Designing an online quiz platform using ASP.NET and utilizing Entity Framework for communication with the database. The platform includes features such as quiz creation, test-taking, result evaluation, etc.

#### Django-Angular Image Recognition E-shop

Embark on an innovative voyage with our **Angular**-driven E-commerce initiative, pioneering the integration of cutting-edge image recognition technology. Powered by the formidable **InceptionV3 model**, our platform empowers users to effortlessly discover visually akin products within our extensive inventory. Our backend infrastructure, fortified by **Django**, orchestrates seamless communication with the **Angular**, **HTML**, and **Scss** frontend components, culminating in a cohesive and intuitive user journey.

### EDUCATION

#### High School Diploma in physical sciences

Lycée MOHAMED V d'enseignement originel • 2019-2020

#### Softwar Engineer

INational School of Applied Sciences Al Hociema • 2020–2025

### LANGUAGES

#### Arabic

Native

#### English

Intermediate

#### Frensh

Intermediate