



# Haitam Elgharras

Software Engineering Student | Full Stack Developer



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Morocco, Tangier



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<https://haitam-elgharras.vercel.app>

## ABOUT ME

Software engineering student and Full Stack developer with a strong enthusiasm for DevOps practices. Skilled in designing and implementing robust server-side applications and microservices. Passionate about optimizing development workflows, automating processes, and ensuring scalable, high-performance systems.. I am looking for opportunities where I can collaborate with a diverse team, and I am motivated to grow in an environment that provides support for career development.

## Skills

- *Data structures and Algorithms*
- *C / C++ / Java / C# / Python*
- *Javascript / Typescript*
- *MySql / PostgreSQL / Oracle*
- *MongoDB / Redis*
- *Linux / Docker / Git / Kubernetes*
- *Spring Ecosystem / microservices / J2EE / NodeJs*
- *React / Angular*
- *Software design / Data Modeling*
- *Graph Theory*
- *Agile / Scrum / Jira*
- *Communication / Teamwork*

## CERTIFICATIONS

- *MongoDB Associate Developer*
- *Red Hat Linux Fundamentals (RH104)*

## LANGUAGES

- Arabic
- English
- French

## EDUCATION

### State Engineer's Degree in Software and Distributed Information Systems

Ecole Normale Supérieure de l'Enseignement Technique de Mohammedia 2022-2025

### Diploma of Scientific and Technical University Studies in Mathematics, Computer Science, Physics, Chemistry

Faculté des Sciences et Techniques de Tanger 2020-2022

### Baccalauréat sciences physiques

Lycee MAHDI ELmandjra 2019-2020

## EXPERIENCE

### Automated Certificate Generation Project (Internship)

During my internship at NTT DATA, I worked on the integration of an automated certificate management system into existing workflows. The project aimed to streamline the generation and management of candidate certificates using Angular and Spring Boot. I contributed to the implementation of functionalities that enabled real-time data management and seamless certificate generation, thereby enhancing overall operational efficiency.

### GameHub: Video Game Exploration Platform

GameHub is an application that allows users to explore video games, developed with React.js, TypeScript, and Chakra UI following best practices in React development. I also integrated Zustand for state management in GameHub, ensuring a fluid and reactive user experience.

Link: [github.com/Haitam-Elgharras/game-hub](https://github.com/Haitam-Elgharras/game-hub)

### PetPulse: Complete Companion Animal Management Platform

PetPulse is a pet management application developed with Spring Boot, Spring Security, MySQL, and AI. It allows users to manage pets, search for lost pets using their image, and offer pets for adoption. A LLaMA chatbot is integrated to answer user questions and enhance the user experience.

Link: [github.com/Haitam-Elgharras/PetPulse](https://github.com/Haitam-Elgharras/PetPulse)

### Eurodictify: Terminology and Employee Management Platform (Internship)

Eurodictify is an innovative application designed to standardize terminology and manage employees across the Eurogate Tangier company. This project was developed using C#, ASP.NET, and Entity Framework, following best development practices in MVC. Additionally, I implemented a highly scalable and maintainable MVC architecture to ensure code evolution.

### FriendNet: Social Network Application

FriendNet is a social networking application developed with the MERN stack (MongoDB, Express.js, React.js, Node.js). It allows users to share content, chat, and interact. The application provides an immersive and friendly user experience, with the objective of facilitating content sharing between its users.

Link: [github.com/Haitam-Elgharras/FriendNet](https://github.com/Haitam-Elgharras/FriendNet)

### Gemini Mobile: AI-Generated Chat Mobile Application

Gemini Mobile is a mobile application developed with React Native that uses AI to generate conversations. Users can interact with the AI model, receiving responses in real-time.

Link: [github.com/Haitam-Elgharras/Gemini-Mobile](https://github.com/Haitam-Elgharras/Gemini-Mobile)

## EXTRACURRICULAR ACTIVITIES

- Third Prize Winner at Ideathon ENSET Mohammedia: Led a team in conceptualizing an innovative idea and developing a prototype. Demonstrated strong ideation, rapid prototyping, and presentation skills in a competitive environment
- GEIW-2023 Hackathon Organization on AI and Blockchain.
- Chess Championship Organization.