



Sadik Hajar

Software and Intelligent Systems Engineering Student



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ABOUT ME

Passionate and skilled engineering student, I am seeking a graduation project internship in the fields of DevOps and software development. My goal is to apply my skills and gain new experiences.

TECHNICAL SKILLS

- Docker | Kubernetes | Git | GitHub | Jenkins .
- Spring | SpringBoot.
- Java | Python | Go | PHP.
- React | Nextjs | Nodejs | Express.js.
- Angular
- HTML | CSS | Js.
- MySql | PostgreSQL | MongoDB.
- Conception UML | Modélisation des données (Sql & NoSql).
- Agile | Scrum | Jira .
- Linux | Postman .
- Machine Learning & AI : NLP, LLMs,
- Computer Vision, GenAI

SOFT SKILLS

- Teamwork
- Communication
- Project Management
- Time Management
- Stress Management
- Problem Solving

EXTRACURRICULAR ACTIVITIES

Active member of the IT-Geeks club, involved in:

- Training Unit
- Organizational Unit

LANGUAGES

- Arabic: Native
- French: Advanced
- English: Advanced

PROFESSIONAL EXPERIENCE

Internship-Tanger Med Port Authority (2 months)

Developed and improved a general resources management application. The objective was to optimize staff routes using machine learning techniques and graph theory.

HARD SKILLS : Node.js, React, MongoDB, Flask, Machine Learning (K-means), Algorithmes de Christofides.

Internship - Smart Compass (Marrakech) (2 months)

Created a web application designed to detail the necessary functionalities to meet the needs of children and workshops in schools in the Azilal region.

HARD SKILLS : PHP(Symfony), MySQL et Bootstrap.

PROJECTS

ZOHS Car Insurance Platform

This platform aims to revolutionize car insurance. At the core of ZOHS is a Progressive Web App (PWA) built on a microservices architecture, redefining customer experiences and internal processes in the insurance industry.

HARD SKILLS : Microservices Architecture, Frameworks and Languages (SpringBoot, GO, Python (Flask), Angular), DevOps Practices (Docker, Kubernetes, GitHub, Jenkins), Agile Methodologie.

Video Game Story Generation Chatbot (Educational Project)

Developed a French chatbot capable of generating video game stories using advanced technologies to produce coherent and contextualized stories.

HARD SKILLS : Retrieval Augmented Generation (RAG), LangChain, Vector Databases, NLP (Natural Language Processing), Python, Angular.

Big Data ETL Pipeline with Apache Airflow

Automation of an ETL pipeline with Apache Airflow for multi-source data integration and transformation, with an interactive dashboard for real-time visualization.

HARD SKILLS : Python, (Dash, Plotly), PostgreSQL, MongoDB, Apache Airflow.

Freelance Clone Platform (Full-Stack Developer)

Developed a web application in PWA mode, a clone of a freelance platform.

HARD SKILLS : Reactjs, Nextjs, Express.js et mongoDB.

EDUCATION

Engineering Degree in Software and Intelligent Systems

Faculty of Science and Technology, Tangier (2022 - Present).

Preparatory Classes in Physics and Industrial Sciences

CPGE Moulay Idriss, Fez (2020 - 2022).

Baccalauréat en Sciences de la vie et la Terre.

Lycée Moulay Idriss Al Akbar, Ribat El Khei Sefrou (2019 - 2020).

CERTIFICATIONS

- Postman API Fundamentals student Expert certification-Postman.
- Introduction to Python-365 Data Science.
- Git/GitHub-365 Data Science
- Angular-Sololearn