CHELIHI
SOFIANE

Software engineer

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EDUCATION

MASTER 2 DIPLOMA + COMPUTER ENGINEERING

2019 - 2024

Higher National School of Computer Science - ESI ex INI , Algiers

BACCALAUREATE

2019

MATHEMATICS SERIES

HARD SKILLS

- Html , css , js , React js , Angular js, Bootstrap , Tailwind , Streamlit ,Electron js
- Php , Laravel , FastApi ,Express js
- Kotlin
- MySql , Oracle
- ML , Deep Learning , NLP , LLMs , Langchain
- Arduino , Raspberry ,ESP 32 , BLYNK
- OpenMP , OpenMPI , CUDA
- C , Python , Java , R , C++ , TS , Latex
- Docker , Git

SOFT SKILLS

- Teamwork
- Quick learner
- IT project management and design with agile methodology
- Problem-Solving
- Team lead
- Time Management
- Pressure management

LANGUAGES

- French
- Arabic
- English

PROFILE

Experienced software engineer specializing in full-stack development, web and mobile applications, and software design . Skilled in leading projects and delivering high-quality solutions using modern frameworks. Strong collaborator, adept in Agile environments and focused on building scalable, innovative software.

EXPERIENCE

TEAM LEAD FOR FLIGHT BOOKING CHATBOT DEVELOPMENT IN MY END-OF-STUDIES INTERNSHIP - ALGEBRATEC

September 2023 - July 2024

- Led a team of 7 developers in the design and development of a flight booking chatbot using Mistral 7B LLM , Langchain , React js .
- Designed and implemented the entire chatbot system, ensuring seamless functionality and user interaction.
- Integrated the chatbot with the company's existing backend systems, enhancing operational efficiency.

PRACTICAL INTERNSHIP IN A COMPANY - ALGEBRATEC

August 2022 - October 2022

- Maintenance and improvement of the graphical interface of some platforms developed by the company using Angular js and Typescript and SCSS
- Responsive design of pages with all resolutions (high, low) for desktop and for mobile size

MAIN PROJECTS

FLIGHT BOOKING CHATBOT - ALGEBRATEC

Developed a flight booking chatbot using the Amadeus Flight API, enabling real-time booking and pricing, and deployed it with Docker for scalability.

SMART HOT DRINK DISPENSER MANAGEMENT SYSTEM - ESI

Developed a system for managing smart hot drink dispensers, integrating IoT technology using Raspberry Pi and ESP32. The system included web and mobile applications, providing real-time monitoring and control of the dispensers to enhance operational efficiency.

EZMED25 MEDICAL STUDENT PLATFORM - FREELANCE

Developed EZMed25, an educational platform tailored for Algerian medical students, providing tools to prepare for and pass exams. The platform offers a range of functionalities, including exam simulations, study resources, and performance tracking, supporting students throughout their medical education journey.