JASSER CHERIF

(+216) 50033630 ◇ Kelibia, Nabeul, Tunisia

jasser.cherif@ensi-uma.tn ◇ Linkedin ◇ Github

* PROFILE

Second-year computer science student with a strong logical reasoning and proven ability to effectively solve complex problems. Accustomed to working under pressure, I am oriented towards DevOps while also possessing deep skills in web/mobile development and artificial intelligence. My academic background and personal projects reflect my commitment to designing and developing high-quality software, combining technical knowledge with an innovative approach to create robust and efficient solutions.

EDUCATION

Computer Science Engineering Degree, National School of Computer Sciences	Expected 2025
Technology, Preparatory Institute for Engineering Studies of Nabeul	2020 - 2022
Technical Baccalaureate, Abdelaziz Khouja High School, Kelibia	2016 - 2020

TECHNICAL SKILLS

Programming Languages	C, C++, Java, C#, JavaScript, Python, Php
Web Development	Html, Css, JavaScript, React.Js, Node.Js, Express.Js, Spring Boot, Angular, Flask
Databases	MySQL, MongoDB
Artificial Intelligence	Machine Learning, Deep Learning, NLP, Scikit-learn, Tensorflow, OpenCV
Operating Systems	Windows, Linux (Ubuntu, Kali)
Embedded Systems	ESP32, Raspberry Pi
Others	Git/Github, Docker, Jenkins, Scrum, UML, Finance

EXPERIENCE

Intern	July 2023 - August 2023
Forvia	*Urban Center North, Tunisia*

Developed an innovative web interface to simplify access to IP addresses of an application to eliminate manual configuration and the use of an excel file.

PROJECTS

Handrawn Interface Coder (Microservices): Design of an intelligent microservice application using artificial intelligence technologies such as Convolutional Neural Networks (CNN) and Optical Character Recognition (OCR) to convert hand-drawn wireframes into code. Use of React.js frameworks for the frontend and Spring Boot with Flask for the backend, organized according to a microservices architecture. (in progress)

School Management: School Management Application Developed with React Js, Spring Boot, and MongoDB. (See code)

RentACarNow: A car rental application, designed to facilitate the rental of automobiles to customers. These applications allow users to search, book, and pay for rental cars for a specified period, typically ranging from a few hours to several days. Developed with Angular, Spring Boot, and MySQL. (in progress) (See code)

IntellectChat: Intelligent chatbot designed to provide personalized online assistance, capable of understanding and responding to user queries. Uses machine learning and natural language processing techniques. Developed with TensorFlow, Keras, and nltk. (See code)

Learn2Drive: Website for a Driving School Developed with html, css, javascript, php, and MySQL. (See code)

ESP32Saturation: ESP32Saturation is a computer security project aimed at evaluating the resilience of ESP32 devices to DDoS (Distributed Denial of Service) attacks. The main objective of the project is to simulate and study attack scenarios where ESP32 cards are flooded with malicious requests, such as SYN Flood, UDP Flood, and ICMP Flood attacks. By using appropriate tools and techniques, the project aims to measure the ESP32 card's ability to handle these attacks, as well as identify potential vulnerabilities and propose security countermeasures.(See code)

Travel Manager: Travel Management Application Developed with C.

HandrawnDigitRecognition: Development of a hand-drawn digit recognition model using PyTorch as Convolutional Neural Networks (CNN). (See code)

LANGUAGES

- Arabic
- French
- English (B2 level)
- German

CERTIFICATIONS

- **NVIDIA:** Building Transformer-Based Natural Language Processing Applications   *(NVIDIA Certification)*
- **KodeKloud:** JSON Path Test   *(KodeKloud Certification)*
- **KodeKloud:** Docker Training Course for the Absolute Beginner   *(KodeKloud Certification)*
- **KodeKloud:** Jenkins   *(KodeKloud Certification)*
- **Kaggle:** Intro To Machine Learning   *(Kaggle Certification)*
- **Kaggle:** Intro To Deep Learning   *(Kaggle Certification)*