

JASSER CHERIF

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EDUCATION

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

TECHNICAL SKILLS

Programming Languages	C, C++, C#, Java, JavaScript, TypeScript, Python, Php
Web Development	Html, Css, Js, Ts, React.Js, Node.Js, Express.Js, Spring Boot, Angular, Flask
Databases	MySQL, MongoDB
Artificial Intelligence	Machine Learning, Deep Learning, NLP, Scikit-learn, Tensorflow, OpenCV
Software Craftsmanship	Selenium, JUnit, Mocha, JIRA, UML, Linux
DevOps & Cloud	Git, Github, Gitlab, Docker, Jenkins, Kubernetes, SonarQube, Virtualization

EXPERIENCE

Intern Forvia	July 2023 - August 2023 <i>Urban Center North, Tunisia</i>
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Developed an innovative web interface to simplify access to IP addresses of an application, eliminating manual configuration and the use of an Excel file.

Intern Sofrecom	July 2024 - August 2024 <i>Rue du Lac Biwa, Tunis</i>
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Developed a Request Management Application using the MERN stack, featuring a user-friendly dashboard for request statuses and coach performance. Implemented GitLab CI/CD pipeline for automated testing and deployment, enabling continuous integration and seamless updates. Utilized Agile methodology to gather user feedback .

PROJECTS

Handdrawn Interface Coder: Developed a microservice application using CNN, OCR, and TensorFlow to convert hand-drawn wireframes into code. Built with React.js, Spring Boot, and Flask. ([See code](#))

RentACarNow: A car rental application that enables users to search, book, and pay for vehicles for various durations. Built with Angular, Spring Boot, and MySQL. (in progress) ([See code](#))

School Management: Application Developed with React Js, Spring Boot, and MongoDB, it features automated testing using JUnit and Selenium. ([See code](#))

MERN-k8s-Deployment: Built a CI/CD pipeline using Docker, Mocha, Jenkins, and Argo CD to automate testing, deployment, and continuous delivery of a MERN stack application to Kubernetes, enhancing scalability, reliability, and streamlined deployment management. ([See code](#))

Trello Clone Code Quality Analysis: Integrated SonarQube to analyze the source code of an open-source Trello clone developed in Node.js and React. Detected and resolved bugs, vulnerabilities, and maintainability issues. Implemented CI pipeline using Jenkins for automatic code quality checks after each commit.(in progress) ([See code](#))

LANGUAGES

Arabic, French, English, German

CERTIFICATIONS

- **NVIDIA:** Building Transformer-Based Natural Language Processing Applications (*NVIDIA Certification*)
- **KodeKloud:** Kubernetes for Absolute Beginners (*KodeKloud Certification*)
- **KodeKloud:** Terraform Basics (*KodeKloud Certification*)
- **KodeKloud:** Ansible Basics (*KodeKloud Certification*)