



MANSOURI OUSSEMA

Software Engineer

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PROFILE

IT professional passionate about information systems and application development. With an analytical mind, great rigor and a good sense of organization, I am able to adapt quickly to different work environments. I enjoy teamwork as much as independence and am constantly motivated to learn new skills and solve technical problems.

SKILLS

Technologies and languages : Spring Boot / Node.js / Angular / TypeScript / JavaScript/ Java / Python / React.js / React Native / NoSQL / MongoDB / SQL / HTML / CSS / Bootstrap.

Data Science and Tools : Tensorflow/ Open CV / Pandas / Power BI .

DevOps : Git / GitHub / Docker / Jenkins / Vagrant / SonarQube / Grafana / Prometheus .

PROFESSIONAL EXPERIENCE

Cognisense Solutions

Memory Workshop - AI for Agriculture

Jan 2025 - May 2025 5 months

Memory project - Development of an AI system for the early detection of plant diseases

Using machine learning and computer or mobile vision to help farmers.

- Collection and preparation of image data from diseased and healthy plants
- Design, training and validation of an artificial intelligence (AI) model for disease detection
- Optimization of model performance by adjustment of hyperparameters
- Deployment and integration of the model in a functional application for practical use

Plixemantic

DEVOPS PRACTICAL TRAINING

March 2025 - Apr 2025 2 months

DevOps Stage - Deployment Automation and CI/CD

- Participation in the automation of deployment and configuration environments with Docker, Jenkins and Git
- Implementation and management of CI/CD pipelines to ensure a smooth and reliable delivery process
- Proactive monitoring of system performance via Grafana and Prometheus to ensure stability
- Close collaboration with development teams to optimize workflows and quickly resolve incidents

International coach start-up

FINAL INTERNSHIP

February 2023 - May. 2023 4 months

Project - Connected platform development

Platform for training centres and learners in Tunisia, developed with Spring Boot, Angular and a SQL database.

- Development of the back-end with Spring Boot and creation of secure REST APIs
- Conception d'interfaces front-end interactives et responsives avec Angular
- Data modeling and management via a relational database (SQL)

International coach start-up

PRACTICAL TRAINING

Août 2022 - Sep. 2022 · 2 mois

Internship - Development of an e-commerce platform | International Coach (Start-up)

Implementation of an online sales platform using the MEAN stack (MongoDB, Express.js, Angular, Node.js).

- Dynamic user interface development with Angular
- Creating and securing REST APIs with Node.js and Express.js
- Integration of MongoDB database for product and user management

DEGREES AND TRAINING

Master's degree in computer science (data science)

2023 - 2025

Jendouba University (Islaib).

FULL STACK JAVA/SPRINGBOOT & ANGULAR TRAINING

2024 - 6 months

Université Dauphine Tunis

DEGREE IN SOFTWARE ENGINEERING AND INFORMATION SYSTEMS

2020 - 2023

University of Carthage (ISSATM).

BACHELOR IN INFORMATICS

2019 - 2020

lycee ali belahouane

LANGUAGES

- Arabic
- English
- French

CERTIFICATES

- DEVOPS FOUNDATION PROFESSIONAL CERTIFICATE - Certiprof
- DEVOPS - YaKin Process
- POWER BI - Clevory Training