

# HAJ MASSOUD RAMZI

## SOFTWARE ENGINEERING STUDENT

### CONTACT

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- Monastir, Tunisia

### SKILLS

- Programming languages**  
PYTHON , Java , JavaScript
- Framework**  
Angular ,FastAPI, Flask, SpringBoot
- Databases**  
MySQL, PostgreSQL, MongoDB
- DevOps tools**  
Git, GitHub, GitLab,  
Docker, Docker Compose, Jenkins  
Kubernetes Azure Cloud
- AI & Machine Learning Tools**  
YOLOv8, EasyOCR, OpenCV, TensorFlow
- Operating Systems**  
Rocky Linux, Ubuntu , Windows

### LANGUAGES

- English : Intermediate
- French: Intermediate
- Arabic : Native

### CERTIFICATES

- HTML and CSS - February , 2024
- JavaScript - February 2024
- Introduction to IoT - Issued by CISCO January 2025
- Fundamentals of Deep Learning - Issued by NVIDIA May 2025
- Azure Fundamentals Az-900 - Issued by Microsoft Octobre 2025



### PROFILE

I am a third-year software engineering student at Polytech Monastir, specializing in software engineering and passionate about DevOps and cloud technologies. I have built a strong technical foundation and developed solid teamwork and problem-solving skills through various academic projects.



### EDUCATION

- ENGINEER'S DEGREE** 2026  
SOFTWARE ENGINEERING | Polytechnique Monastir
- BACHELOR'S DEGREE** 2023  
EMBEDDED SYSTEMS | ISIM Monastir - University of Monastir
- BACCALAURÉAT** 2020  
TECHNICAL SCIENCE TRACK | Zaremdine High School



### EXPERIENCE

- Summer Internship - FullStack Developer** Juilly- August 2025  
PASS Consulting Group - Tunis
  - Contributed to the full development lifecycle of web applications within a virtual software factory (PAM).
  - Built responsive front-end interfaces using Angular and Bootstrap, and developed RESTful APIs with Java Spring Boot.
  - Managed MySQL databases, optimized queries, and gained hands-on experience in collaborative full-stack development workflows.
- Summer Internship - Backend Developer** August - 2024  
Maps-IT Monastir
  - Developed a Book Management System using Java and Spring Boot.
  - Implemented CRUD operations with Spring Data JPA for efficient data handling.
  - Integrated the application with a PostgreSQL database to ensure reliable data storage.
- Final Year Project Internship - Smart Irrigation System** February - July 2023  
Internal Internship - ISIMM, Monastir
  - Built a Smart Irrigation System using ESP32 and soil moisture sensors.
  - Automated pump and valve control with integrated flow sensors.
  - Enabled remote monitoring via GSM and Blynk for optimized water usage.
- Summer internship** June - 2022  
SOMOCER GROUP - Manzel hayet
  - Performed vehicle diagnostics with TEXA tools and assisted in basic maintenance tasks.



### PROJECT

- IT Learning Platform**  
Full-stack platform allowing users to choose branches, watch videos, track progress with AI quizzes/summaries, and generate PDF certificates. Includes Stripe payments, editable profiles, responsive dashboard, modular scalable design.  
#React #Vite #TailwindCSS #Node.js #Express #MongoDB #JWT #Stripe #OpenAI #jsPDF
- License Plate Detection System**  
system for real-time license plate detection with image processing and web interface.  
#Angular , #Python ,#Node.js ,#Express.js , #MongoDB , #Yolov8, #EasyOCR
- WeatherApp**  
WeatherApp a web application using Python and Flask that displays real- time weather data .  
#Python ,#Flask ,#Jinja2, #API