

Mejri Salma

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Professional Summary

Motivated and passionate Computer Science Engineering student with a strong foundation in software development and a growing interest in DevOps practices and artificial intelligence. Eager to apply academic knowledge to real-world projects through a final-year internship. Skilled in designing and developing efficient, scalable solutions, with a commitment to learning, collaboration, and delivering impactful results in dynamic, innovative environments.

Education

Engineering Degree in Computer Science - ESPRIT Tunis	Sept 2023 – now
Bachelor's Degree in Applied Computer Science E-Business - ESEN Manouba	Sept 2020 – June 2023

Experience

DevOps Engineer Intern , Wevoo – Tunis	June 2025 – Aug 2025
• Designed and deployed a modular, scalable CI/CD pipeline to accelerate collaborative software delivery and reduce deployment time.	
• Orchestrated backend and frontend containers with Docker Compose and Kubernetes.	
• Implemented Horizontal Pod Autoscaler (HPA) to auto-scale Pods ensuring high availability and resource optimization.	
• Integrated SonarCloud achieving 84.21% test coverage.	
• Set up Prometheus and Grafana dashboards for real-time monitoring of CPU, memory, and response times.	
• Tools: Kubernetes, Docker Compose, Minikube, SonarCloud, JaCoCo, Prometheus, Grafana, CI/CD, DevOps, Github Actions	
Corporate Immersion Internship , Wevoo – Tunis	June 2024 – Aug 2024
• Built a full-stack event management app with custom calendar, real-time updates, and push notifications.	
• Added JWT auth, advanced search/filtering, and responsive UI across devices.	
• Enhanced chat file format with backward-compatible search and designed secure user profiles.	
• Tools: React.js, NestJS, MongoDB, MaterialUI, Swagger, GitHub	
End-of-study internship in web development , Pikoro – Tunis	Feb 2023 – June 2023
• Conception and Development of a digitalization platform for associative life “Studenty”	
• Tools: MongoDB, ExpressJS, Angular, NodeJS	
• Agile methodology: Scrum	

Projects

MindWell: AI-Powered Student Wellness Platform	Sept 2025 – Oct 2025
• Developed a web platform for student well-being with AI stress prediction, yoga posture analysis via Computer Vision, personalized nutrition plans, and a wellness blog.	
• Implemented secure authentication and real-time tracking of mental and physical health metrics.	
• Tools: Laravel, Python, Computer vision, MySQL	
AI Education Hub: Intelligent Learning Assistant	Sept 2025 – Oct 2025
• Built an AI platform automating exercise generation from uploaded course materials using NLP and Generative AI.	
• Integrated PDF content extraction, video summary generation, student stress prediction, analytics dashboard, and full evaluation module.	

- **Tools:** Python, Django, MongoDB, Transformers, Whisper, scikit-learn, NLP, Generative AI

UniMindCare: University Mental Health Platform

Feb 2025 – May 2025

- Built a full-stack mental health platform with case management, real-time scheduling, AI-driven well-being recommendations, and gamified wellness activities.
- Enabled priority-based crisis handling with geolocation, secure documentation, and data insights while ensuring privacy compliance.
- **Tools:** MERN Stack, Socket.io, Docker, Jest

ML Models for Student Well-being Prediction

Feb 2025 – May 2025

- Trained XGBoost, KNN, SVM models to predict Burnout Risk, recommend support resources, and segment students from Reddit behavioral data.
- **Tools:** Python, Google Colab

Online Library – Microservices Architecture

Feb 2025 – Apr 2025

- Developed scalable library system using Spring Boot and Node.js microservices with intelligent recommendations, Stripe payments, and real-time notifications.
- Implemented service discovery (Eureka), async messaging (RabbitMQ), JWT security, and Docker deployment.
- **Tools:** Angular, Spring Boot, Node.js, MongoDB, MySQL, Docker, RabbitMQ

Advanced CI/CD Pipeline Automation for Frontend and Backend

Oct 2024 – Mar 2025

- Designed and implemented automated CI/CD pipelines for the backend (Maven, JUnit/Mockito, JaCoCo, SonarQube, Nexus) and frontend (Angular, npm).
- Containerized both services and deployed using Docker Compose for unified integration.
- Integrated Prometheus and Grafana for real-time monitoring and performance tracking.
- **Tools:** Jenkins, Docker, SonarQube, JaCoCo, Nexus, Grafana, Prometheus, GitHub.

UX/UI Web App for Rare Collectibles

Oct 2024 – Mar 2025

- Conducted UX research interviews and personas using Looppanel, designed and tested Figma prototypes with TLDV.
- Built responsive, high-fidelity frontend with Tailwind CSS and deployed on Vercel with 95% design accuracy.
- **Tools:** Figma, Tailwind CSS, Vercel, Looppanel, TLDV

Skills

Programming Languages	Java, JavaScript, Python
Front-End	HTML, CSS, Tailwind CSS, React.js, Angular
Back-End	Spring Boot, NodeJS, ExpressJS, NestJS, Symfony, Laravel
Databases	MySQL, MongoDB, H2
DevOps	Docker, Jenkins, GitHub Actions, SonarQube, Git, Nexus, Kubernetes, Grafana, Prometheus
Soft Skills	Communication, Adaptability, Problem-Solving

Certifications

Graph Developer - Associate <i>Apollo GraphQL</i>	Jenkins: Building CI/CD Pipeline for Scalable Web Apps <i>KodeKloud</i>
Hashgraph Developer Course <i>The Hashgraph Association</i>	AWS Cloud Foundations <i>AWS Academy</i>

Languages

English	Fluent
French	Fluent