

Ben Othman Oumaima

Full Stack Developer

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SUMMARY

Young graduate **Software Engineer specialized in Software Engineering and Information Systems** with a strong background in full-stack development. Experienced in building scalable and secure web applications using the JavaScript stack and modern DevOps practices. Passionate about creating innovative digital solutions and continuously improving technical skills through hands-on projects and collaborative work.

PROFESSIONAL EXPERIENCE

Final Year Internship — Pithos Global Technology, Tunis Feb 2025 – Sep 2025

- Designed and implemented an **Identity and Access Management (IAM)** system based on a **microservices architecture**.
- Developed authentication, authorization, and access control modules using RBAC and ABAC models.
- Built a modern and responsive web application with React.js and Tailwind CSS, and a backend using Node.js (TypeScript) and Express.js.
- Implemented Apache Kafka for event-driven microservices communication.
- Developed unit and integration tests using Jest.
- Implemented Multi-Factor Authentication (MFA).
- Ensured GDPR compliance with full audit traceability.
- Deployed services using Docker.

Summer Internship — Vast Sky Enterprise, Tunis Jun 2024 – Aug 2024

- Developed a dynamic e-learning platform with interactive courses.
- Built a responsive frontend using React.js and Tailwind CSS.

Summer Internship — Treetronix, Tunis Jun 2023 – Jul 2023

- Developed a smart water management web application.
- Built RESTful APIs using Node.js and Express.
- Developed a React frontend for an intuitive user experience.
- Integrated MongoDB for scalable data management.

Final Year Project — LEONI, Sousse Feb 2022 – May 2022

- Designed and developed a property management platform using Express, React, and Node.js.
- Containerized the application with Docker.
- Optimized backend performance and SQL data management.

PROJECTS

E-Learning Platform — MERN Stack	Sep 2024 – Dec 2024
– Developed an interactive platform with quizzes, certificates, badges, and AI-powered recommendations.	
– Implemented user role management.	
– Built frontend with React.js, Redux, Tailwind CSS.	
– Developed backend with Node.js, Express.js, MongoDB.	
TaskFlowHR — MERN Stack	Sep 2024 – Dec 2024
– Developed an HR management system with dashboards and performance evaluations.	
– Integrated TypeORM with MySQL.	
– Implemented real-time notifications using WebSockets.	
– Deployed frontend on Netlify and backend on Azure.	
Coworking-Book — MEAN Stack	May 2024 – Jun 2024
– Developed a meeting room booking application with Angular.	
– Implemented JWT authentication.	
– Integrated email notifications.	
– Developed REST APIs with Node.js, Express, MongoDB.	

EDUCATION

Sep 2022 – Oct 2025	TEK-UP University, Tunis — Engineering Degree in Software Engineering and Information Systems
Sep 2019 – Jun 2023	Higher Institute of Computer Systems, Sousse — Bachelor's Degree in Computer Systems Engineering
Jun 2019	Zawiet Megaiz High School — Baccalaureate in Experimental Sciences

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, Java, PHP, HTML, CSS
Frameworks	React.js, Angular, Node.js, Express.js, Tailwind CSS, Redux
Testing	Jest (Unit and Integration Testing)
Databases	MongoDB, MySQL, Firebase
Messaging / Streaming	Apache Kafka
DevOps	Docker, Kubernetes, GitLab CI/CD
Version Control	Git, GitHub
Tools	VS Code, Postman
Operating Systems	Windows, SELinux

LANGUAGES

English	Professional Proficiency
French	Professional Proficiency