

Salma Ben Hadj Khalifa

Final-year Software Engineering Student - ISSAT Sousse

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Profile

Passionate web developer, designing innovative and interactive solutions. Curious and motivated, I constantly explore new technologies, including artificial intelligence, to enhance my skills and optimize my projects.

Education

Engineering Cycle, Higher Institute of Applied Sciences and Technology of Sousse	September 2023 - Present
Integrated Preparatory Program MPI, Higher Institute of Applied Sciences and Technology of Sousse	September 2021- June 2023
Experimental Science Baccalaureate (High Distinction), Zaouia Ksiba and Thrayet High school	July 2021

Professional Experience

Summer internship, Information Systems Developer – ViZmerald	June – August 2025
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Technologies: Next.js, Django, Odoo, MongoDB, PostgreSQL

- Maintenance, optimization, and deployment of a full-stack application in a production environment.
- Separation of the application into two distinct modules to improve maintainability.

Summer Internship, Odoo Developer – Veganet	July – August 2024
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Technologies: Odoo (Python, XML), PostgreSQL

- Advanced customization of Odoo modules: adapting and extending models and views to meet specific business requirements.
- Full-stack development: implementing new features in Python (Odoo ORM) and customizing views in XML.

Technical Skills

Programming Languages: JavaScript, PHP, Python, C, C++, Java, SQL
Markup and styling languages: HTML, CSS, XML
Frameworks and Libraries: React.js, Next.js, Express.js, Spring Boot, Symfony, Django, Bootstrap, Tailwind CSS, Java Swing
Databases: MySQL, MongoDB, PostgreSQL
Modeling: UML
UI/UX Design: Figma
Graphic Design Tools: Illustrator, Canva

Projects

Interview Prep AI Full-Stack interview preparation platform with AI-powered question and explanation generation.
Technologies: MERN stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS, AI integration
Management of Final Year Projects (PFEs) A module integrated into our institute’s ISSTASO+ platform, enabling the planification of final year projects presentations.
Technologies: React.js , Django, Tailwind CSS
Ami Chifour Website A user-friendly website for scheduling automotive service appointments.
Technologies: React.js, Bootstrap, Express Js, MySQL, Figma
Dar D’art Web Application for managing guest houses, including appointment scheduling, customer management, and chat room features.
Technologies: JavaSwing, WebSockets, MySQL

Certifications

Fundemantals of Deep Learning	September 2025
Cloud Computing with AWS – Introduction	February 2025
Full-Stack Development with MERN	January 2025

Languages

French: Advanced English: Advanced Italian: Beginner Arabic: Native

Association Experience

NATEG ISSATSO - Marketing Lead	2024 - 2025
• Communication strategies, social media, promotion of club events.	
NATEG ISSATSO - Treasurer	2023 - 2024
• Budget management, fundraising, and resource optimization for club activities.	
NATEG ISSATSO - Charity Department	2022 - 2023
• Organizing fundraising campaigns and humanitarian actions.	