

Sayari Sirine

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I am a 3rd-year **computer engineering student at ESPRIT**, currently seeking a final-year internship in engineering. Passionate about web development and possessing strong technical skills, I aim to apply the knowledge I have gained and take on challenges in a dynamic professional environment. My goal is to actively contribute to innovative projects while continuing my professional development.

Education

Currently pursuing a Computer Engineering degree, ESPRIT	2023-2024
Bachelor's degree in Electronics, specializing in Embedded Systems, Faculty of Sciences of Monastir.	2021-2022
Bachelor's degree in Technical, High School 02 Mars 1934 -Siliana	2018-2019

Work Experience

IPACTconsult, Lac Tunis Jun 2024

- **Developed a dynamic and interactive website** using React for the frontend and Node.js for the backend.
- **Implemented a modern and responsive user interface** with React to ensure a smooth user experience.
- **Built a robust backend** using Node.js to handle data management and server-side functionality.
- **Integrated advanced features** such as user interface translation, dynamic service booking calendar, and user account creation with authentication.
- **Employed the latest technologies** to continuously improve the platform's functionality and performance.
- **Ensured seamless interaction** between the frontend and backend, utilizing React and Node.js to manage API requests effectively.

DRAXLMAIER, Siliana Jun 2023

- Designing and developing a digital proficiency testing application to streamline the selection process for new recruits
- Utilizing **JavaFX** to create a user-friendly and interactive interface.

LEONI , Sousse Messaadine Jan 2022-Jun2022

- Developed a scanning system using a Raspberry Pi 4 board to improve logistics and commercial processes.
- Enhanced system efficiency and speed for the company's operations.
- Integrated the scanning system to streamline and automate workflows within the logistics and commercial departments.

Education project

Website for Dormitory Management (Spring, Angular, MySQL) ,Higher School of Engineering and Technologies ESPRIT,

- Manage databases to ensure their integrity and performance.
- Prepare development and production environments.
- Maintain existing code by fixing bugs and making updates.
- Organize project monitoring meetings to ensure effective communication.
- Designing and developing a website for managing university dormitories, aiming to simplify the room reservation process for students.

Job Offers Website (React, Node.js, MongoDB), Higher School of Engineering and Technologies ESPRIT,

- Developed a professional opportunities management platform to facilitate the transparent dissemination of internship and job offers.
- Designed the platform to collect and manage applications from job seekers.
- Created a virtual bridge between job seekers and professionals offering opportunities.

- Ensured an easy-to-use interface for both job seekers and employers to interact effectively.

Microservices Project, Higher School of Engineering and Technologies ESPRIT,

- Ensured increased scalability and flexibility of the system through the use of **microservices**.
- Designed the system to handle multiple independent services that can be developed, deployed, and scaled separately.
- Improved the overall performance and maintainability of the system by utilizing microservices.

Developed Projects, Higher School of Engineering and Technologies ESPRIT,

- Utilized **Docker** for containerization of the application to ensure consistency across development, testing, and production environments.
- Integrated **SonarQube** for continuous code quality inspection and reporting.
- Set up **Jenkins** for automated build, test, and deployment processes, ensuring efficient and reliable continuous integration.

Associative Life

- Active member of IEEE ESPRIT STUDENT BRANCH.
- Active member of the IEEE Robotics and Automation Society (RAS), Computer Society (CS) Chapter.
- Participation in the "Hackchain" hackathon.

Language

French: Current

English: Current

Technologies

Languages: C++, C, Java, SQL, JavaScript,Python,PHP

Software: Spring (Spring Boot), React, .DotNET,Laravel,Angular,Django

DevOps(SonarQube, Nexus, Jenkins,JUnit,Mockito, Grafana,Prometheuse,Git,Maven)

