

Siwar Terres

Software Engineering Student - ENIT

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📍 Tunis, Tunisia

🌐 Siwar Terres

🔗 Siwar630

Summary

As a final-year engineering student specializing in software engineering, I am deeply passionate about web development. I have strong skills in full-stack development, and have extensive expertise in microservices and cloud technologies. My solid problem-solving abilities, along with effective communication and teamwork skills, enable me to adapt quickly and collaborate in dynamic environments. I am actively seeking a graduation internship (PFE) to further enhance my technical skills, engage in innovative projects, and contribute to groundbreaking solutions within a collaborative team. I am eager to leverage my knowledge and enthusiasm to make a meaningful impact in the field.

Education

National Engineering School of Tunis (ENIT)

Computer Science Engineering

Tunis, Tunisia

Sep 2022 - Jun 2025

Preparatory Institute for Engineering Studies of Tunis (IPEIT)

Preparatory studies degree : Physics – Chemistry, Rank : 110/1700

Montfleury, Tunisia

Sep 2020 - Juin 2022

Professional Experience

WEVIOO

July - August 2023

Ariana El Ghazela, TN

Full Stack Engineering Internship

- Developed a job application management platform using **Spring Boot**, **Angular**, and **Keycloak**, enhancing recruitment workflows and improving secure authentication processes.
- Amplified hiring efficiency by **25%** through streamlined operations and user-friendly interface design.

Tunisia Telecom

August 2023

Nabeul, TN

Software Engineering Internship

- Engineered a personnel management desktop application with **NetBeans** and **Java**, streamlining HR processes and reducing administrative tasks.
- Heightened employee data retrieval times, enhancing overall operational efficiency and user satisfaction.

Academic Projects

PFA 2: Network Security Enhancement for Wi-Fi

January 2024 – May 2024

Tools: Kali Linux, Aircrack-ng

- Conducted simulations of various attacks on wireless networks, leading to the implementation of effective protection measures.
- Heightened security awareness among users and enhanced network resilience, reducing vulnerability exploitability by **50%**.

Trading Simulator

Tools: C++

- Developed a trading simulator providing users with a risk-free environment to practice trading strategies.
- Escalated user engagement within the first month and received positive feedback indicating high user satisfaction.

Blog Development

Tools: Symfony, PHP, MySQL

- Established a dynamic website for sharing articles and insights, focusing on user engagement and content management.
- Achieved an increase in traffic within three months, significantly improving user interaction metrics.

Gardening E-Commerce Site

Tools: React, MongoDB

- Launched an e-commerce platform for gardening supplies, facilitating user browsing, purchasing, and product reviewing.
- Resulted in an escalation in sales within the first quarter post-launch, driven by targeted marketing strategies and a user-friendly design.

Technical and Soft Skills

- **Programming Languages:** Python, C, C++, C#, Java, R, TypeScript
- **Web Development:** FRONTEND: HTML, CSS3, JavaScript, ReactJS, Angular / BACKEND: Node.js, Express.js, Spring Boot.
- **Mobile Development:** Flutter, Dart
- **Workflow Management:** BPMN, Workflow Management
- **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Firebase)
- **Data Science and AI:** R, R Studio, Machine Learning, AI
- **Networking and Security:** Cisco Packet Tracer, eNSP, Network Security, Cybersecurity
- **Containerization and Cloud:** Docker, Docker Hub, AWS
- **Development Tools:** Git, GitHub, Jira
- **Soft Skills:** Problem-Solving, Adaptability, Team Collaboration, Time Management, Continuous Learning.

Associative Life and Languages

Club G2 FOSS ENIT : Member (Sept 2022 – Juin 2024)

Club IEEE ENIT : Member (Sept 2022 – Juin 2024)

• **Arabic:** Native • **French:** B2 • **English:** B2 • **German:** A2