SFAR ADAM

SOFTWARE ENGINEER

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SUMMARY

5th-year Engineering Student at ESPRIT specializing in Web and Applications Development. Passionate about building innovative digital solutions, full-stack applications, and AI-powered systems. Eager to gain hands-on experience in software development, DevOps, and cloud technologies.

EDUCATION

Private Higher School of Engineering and Technology ESPRIT **September 2021- Present**

PROFESSIONAL EXPERIENCE

AI & Full-Stack Developer Intern — VERMEG **July 2025 – August 2025**
- Led the development of an AI-powered task management system and an intelligent chatbot.
- Engineered and integrated backend services with the Slack API to enable real-time notifications and team communication features.
- Collaborated in an agile team to design, build, and deploy a full-stack application.

AI & Full-Stack Developer Intern — VERMEG **August 2024 – September 2024**
- Contributed to the development and maintenance of web-based software solutions .
- Gained practical experience in a professional hybrid work environment
- participating in the software development lifecycle.

Front-End & API Integration Intern — IEEE & Orange ODC **June 2025 – September 2025**
- Spearheaded the research and integration of a third-party flight details API into a centralized event management platform.
- Worked collaboratively within a front-end team to ensure seamless data flow .
- Developed and maintained front-end components to display dynamic, API-sourced information.

PROJECTS

AI Cyber Security **July 2025 – September 2025**
A monitoring security system to enhance firewalls and protect devices from viruses enhanced with artificial intelligence.
- Tech Stack: Grafana, Wazuh, Telegraf, Firebase.
- Implemented AI-driven insights for the current vulnerabilities.
- Enhanced computers efficiency and protection.

Task Mangment **February 2025 – May 2025**
A daily task manager for employers using Slack.
- Tech Stack: React (Frontend), MongoDB (Backend).
- Features AI prompt to create tasks of any subject and prepare a report from it.
- Integrated with Slack API for sending reminders and documents easily.

E-GamingHelper **October 2024 – December 2024**
A Desktop application assistant for Gamers providing them with music and guides
- Tech Stack: JavaFX, MySQL, Java (Maven).
- Integrate YouTube API for creating playlists
- Filter guides for builds and strategies for any personnage of the available games

SKILLS

Frontend: React, Angular, Next.js ,Boostrap, TailwindCSS, Responsive UI design, Modular components, REST API integration.
Backend: Node.js, Express.js, API design, Real-time communication
Databases: InfluxDB, MySQL/MariaDB, Oracle 12c/12g, MongoDB ,PostgreSQL,MicrosoftSQL
Languages: Python, JavaScript, TypeScript, Java, C

CERTIFICATES

CCNA switching routing wireless essentials **2023**
AWS Academy Cloud Foundations — AWS Academy **2025**
Hedera Blockchain Developer Program — The Hashgraph Association **2025**