

AHMED KHALIL SFAR

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OBJECTIVE

Computer Science graduate seeking a software engineering role to apply and grow my technical skills.

EXPERIENCE

Nexits May 2025 – June 2026
Internship Tunis, Tunisia

- Developed backend services, designing RESTful APIs integrated with Flutter.
- Set up CI/CD with GitHub Actions (80% test coverage) and deployed on AWS with Nginx.

Amen-Bank July 2024 - August 2024
Internship Tunis, Tunisia

- Developed a banking web application supporting user management, balance consultation, and money transfers.
- Implemented two-factor authentication (OTP) and secure user authentication to protect sensitive operations.

PROJECTS

AI Project: AI-Powered Email Assistant June 2026
Tools: NestJS, React.js, PostgreSQL, Drizzle ORM, Ollama [🔗]

- Developed an AI-powered email assistant that generates context-aware drafts using local large language models.
- Built a benchmarking framework to compare Qwen2.5, Llama 3.1, and Mistral across realistic email-generation scenarios.

Cybersecurity Project: Development of a Capture The Flag (CTF) Platform January 2026
Tools: Node.js, React, Docker, MongoDB, AWS [🔗]

- Developed a web platform for hosting and solving cybersecurity challenges in isolated environments.
- Automated deployment of Docker-based challenge instances on cloud infrastructure.

SKILLS

Languages: C, C++, Java, Python, TypeScript
Frameworks: Spring Boot, NestJS, Express.js, React
Databases: PostgreSQL, MySQL, MongoDB
DevOps & Tools: Git, Docker, Linux

LEADERSHIP EXPERIENCE

Material Resource Manager 2024-2026
Free Software Club CLLFST [🔗]

- Provided technical support for Windows and Linux, troubleshooting software issues.
- Contributed to organizing the Genesis programming competition.

CERTIFICATIONS

Nvidia: Fundamentals of Deep Learning November 2025
AWS Academy Graduate: AWS Academy Cloud Foundations January 2026
CCNA: Introduction to Networks October 2024

EDUCATION

Faculty of Sciences of Tunis 2024 - 2026
Tunis, Tunisia

Sadiki High School 2019 - 2023
Secondary Education Tunis, Tunisia

- Mathematics Baccalaureate

ADDITIONAL INFORMATION

Language Skills: Arabic (native), French (professional), English (professional), German (intermediate)

Interests: Emerging technologies, Open-source projects

REFERENCES

References available upon request