

Achref Lajmi

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PROFILE

Final-year Computer Engineering student seeking an **Applied GenAI / LLM Engineer Internship** starting **February 2026** (6 months, mandatory PFE). Hands-on experience building **LLM-powered features** and **RAG pipelines** integrated into real products, with strong software engineering fundamentals across **APIs, backend services, data modeling**, and deployment-ready tooling.

EDUCATION

Philipps-Universität Marburg , Germany <i>Exchange Student – Computer Science</i>	Oct 2025 – Mar 2026
ESPRIT (Private Higher School of Engineering and Technology) , Tunisia <i>Engineering Degree – Web & Mobile Application Development</i>	Sep 2021 – Jun 2026

APPLIED GENAI SKILLS

LLM Integration: OpenAI-style APIs, tool/function calling concepts, prompt design, structured outputs

RAG Systems: PDF ingestion, chunking, embedding-based retrieval, context assembly, grounded responses

Evaluation: qualitative QA, error analysis, regression-style test cases for prompts/retrieval

Productization: API-first design, auth (JWT), logging/monitoring basics, deployment-ready packaging (Docker)

TECHNICAL SKILLS

Languages: TypeScript/JavaScript, Java, Python (applied scripting), SQL

Backend: Node.js, NestJS, Spring Boot, REST APIs

Frontend: React, Next.js **Databases:** PostgreSQL, MongoDB

Tools: Git/GitHub, Docker, Azure basics

CERTIFICATIONS

NVIDIA — Generative AI with Diffusion Models	2025
NVIDIA — Applications of AI for Predictive Maintenance	2025
AWS Academy — Cloud Foundations (Training Badge)	2025

EXPERIENCE

AI Software Developer Intern – ESPRIT Tech <i>NestJS, React, MongoDB, Docker</i>	Jul 2025 – Sep 2025
– Built an AI-driven platform to automate content workflows, integrating LLM-based processing into production features. – Implemented backend services for ingestion, validation, and orchestration of content pipelines (API-first approach). – Developed internal tooling and a dashboard to monitor outputs and support review-before-publish flows.	
Web Development Intern – FinConnect Financial Solutions <i>Spring Boot, PostgreSQL, Angular</i>	Jun 2024 – Jul 2024
– Developed secure backend APIs with JWT and role-based access; contributed to an end-to-end ticket platform. – Delivered database-backed features and reporting flows, improving reliability through structured debugging and fixes.	

SELECTED GENAI PROJECTS

Kiddo AI – AI Learning Companion (Academic MVP)

Spring Boot, PostgreSQL, Flutter, LLMs, RAG

- Built an LLM-based tutoring experience with Socratic-style interactions and adaptive learning flows.
- Implemented a **RAG pipeline** over official curriculum PDFs to deliver grounded, context-aware lessons.
- Designed backend APIs and admin tooling for content management and engagement tracking.

MoodyMap – Mood Tracking & Study Planning (AI-assisted)

NestJS, MongoDB, Swift

- Implemented recommendation-oriented backend services and data models supporting personalized study planning logic.

LANGUAGES

Arabic (Native) English (C1) French (C1) German (A1)