Achref Lajmi

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PROFILE

Final-year Computer Engineering student seeking a **Backend / Software Engineer Internship** starting **February 2026** (6 months, mandatory PFE). Experienced in building scalable backend services and APIs with **Java/Spring Boot** and **Node.js/NestJS**, working with **PostgreSQL/MongoDB**, and shipping production features in agile teams. Comfortable integrating applied AI capabilities (LLM/RAG) into real systems.

EDUCATION

Philipps-Universität Marburg, Germany — Oct 2025 – Mar 2026
Exchange Student – Computer Science

ESPRIT (Private Higher School of Engineering and Technology), Tunisia — Sep 2021 – Jun 2026
Engineering Degree – Web & Mobile Application Development

TECHNICAL SKILLS

Languages: Java, TypeScript/JavaScript, Python (applied scripting), SQL
Backend: Spring Boot, Node.js, NestJS, REST APIs, JWT, API design
Databases: PostgreSQL, MongoDB   **Data:** ETL basics, data modeling
DevOps/Tools: Docker, Git/GitHub, CI/CD exposure, Azure basics
AI (applied): LLM integration, RAG pipelines, prompt-driven features

CERTIFICATION

AWS Academy — Cloud Foundations (Training Badge) — 2025

EXPERIENCE

AI Software Developer Intern – ESPRIT Tech — Jul 2025 – Sep 2025
NestJS, MongoDB, Docker, OpenAI APIs

- Built and shipped backend services for an AI-driven media automation platform (content ingestion, processing, validation).
- Designed REST endpoints and data models to support real-time workflows and reliable content lifecycle management.
- Integrated external AI services to accelerate summarization/processing pipelines and improve delivery speed for production features.

Web Development Intern – FinConnect Financial Solutions — Jun 2024 – Jul 2024
Spring Boot, PostgreSQL, Angular

- Developed secure backend APIs for a ticket management system with **JWT authentication** and role-based access control.
- Implemented database-backed features (ticket lifecycle, filtering, reporting) and supported PDF export workflows.
- Worked in Scrum, contributed to code reviews, and improved reliability through structured debugging and fixes.

Web Development Intern – SOFTParadigm — Jun 2022 – Jul 2022
Spring Boot, Angular

- Implemented backend APIs and collaborated in a Scrum environment to deliver features on schedule.
- Improved code reusability and performance through refactoring and clean implementation practices.

SELECTED PROJECTS

Kiddo AI – AI Learning Companion (Academic MVP)
Spring Boot, PostgreSQL, Flutter, LLMs, RAG

- Built backend services for personalized learning flows, including secure APIs and structured domain models.
- Implemented **RAG pipelines** over curriculum PDFs to deliver accurate, contextual lessons (retrieval + generation workflow).
- Delivered admin capabilities for content management and student engagement tracking.

MoodyMap – Mood Tracking & Study Planning App
NestJS, MongoDB, Swift

- Developed backend services for recommendations and adaptive planning, including secure APIs and analytics-ready data models.

LANGUAGES

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