

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 <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

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

EXPERIENCE

AI Software Developer Intern – ESPRIT Tech <i>NestJS, MongoDB, Docker, OpenAI APIs</i>	Jul 2025 – Sep 2025
<ul style="list-style-type: none">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 <i>Spring Boot, PostgreSQL, Angular</i>	Jun 2024 – Jul 2024
<ul style="list-style-type: none">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 <i>Spring Boot, Angular</i>	Jun 2022 – Jul 2022
<ul style="list-style-type: none">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) <i>Spring Boot, PostgreSQL, Flutter, LLMs, RAG</i>
<ul style="list-style-type: none">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 <i>NestJS, MongoDB, Swift</i>
<ul style="list-style-type: none">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)