

# 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

<b>Philipps-Universität Marburg</b> , Germany <i>Exchange Student – Computer Science</i>	Oct 2025 – Mar 2026
<b>ESPRIT (Private Higher School of Engineering and Technology)</b> , Tunisia <i>Engineering Degree – Web &amp; 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

<b>AI Software Developer Intern – ESPRIT Tech</b> <i>NestJS, MongoDB, Docker, OpenAI APIs</i>	Jul 2025 – Sep 2025
– 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.	
<b>Web Development Intern – FinConnect Financial Solutions</b> <i>Spring Boot, PostgreSQL, Angular</i>	Jun 2024 – Jul 2024
– Developed secure backend APIs for a ticket management system with <b>JWT authentication</b> 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.	
<b>Web Development Intern – SOFTPParadigm</b> <i>Spring Boot, Angular</i>	Jun 2022 – Jul 2022
– 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

<b>Kiddo AI – AI Learning Companion (Academic MVP)</b> <i>Spring Boot, PostgreSQL, Flutter, LLMs, RAG</i>	
– Built backend services for personalized learning flows, including secure APIs and structured domain models. – Implemented <b>RAG pipelines</b> over curriculum PDFs to deliver accurate, contextual lessons (retrieval + generation workflow). – Delivered admin capabilities for content management and student engagement tracking.	
<b>MoodyMap – Mood Tracking &amp; Study Planning App</b> <i>NestJS, MongoDB, Swift</i>	
– 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)