

# Achref Lajmi

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## PROFILE

Computer engineering student currently on exchange at Philipps-Universität Marburg, specializing in AI-powered mobile apps. Skilled in full-stack development and AI technologies, with leadership experience through global volunteering. Passionate about building user-centered solutions using Flutter, Spring Boot, and GPT-based systems.

## EDUCATION

### Philipps-Universität Marburg

*Exchange Student – Computer Engineering*

### Private Higher School of Engineering and Technology

*2<sup>nd</sup> Year in Engineering Cycle – Specialization in Mobile Application Development*

Marburg, Germany

Oct 2025 – Mar 2026

Ariana, Tunisia

Sep 2021 – Jun 2026

## TECHNICAL SKILLS

**Languages:** Java, Python, Swift, Kotlin, Dart, JavaScript, PHP, C++, SQL

**Frameworks & Tools:** Spring Boot, Nest.js, Flutter, FlutterFlow, Angular, Symfony, Node.js, Firebase

**AI & APIs:** LLM, RAG, Generative AI, OpenAI, Coqui XTTS, DeepSeek, Llama, Gemini Vision, n8n

**Other:** Git, Docker, Microsoft Azure, REST APIs, JWT Authentication, GitHub

## EXPERIENCE & PROJECTS

### Kiddo AI | Flutter, Spring Boot, OpenAI, Coqui XTTS, Gemini, Twilio

Jan 2025 – May 2025

- Built an educational app serving 6-year-old Tunisian students, with 20+ lessons powered by GPT-4.
- Trained and deployed a chatbot tutor with 3 cartoon voices using XTTS and DeepSeek R1.
- Detected 5+ emotion states via voice/image input and alerted parents using Twilio SMS.
- Transformed 40+ official curriculum PDFs into Socratic-style lesson flows using RAG.
- Enabled 3 admin roles to manage 100+ lessons across 6 primary school levels.

### SUF'ESS – AI Cultural Exploration App | FlutterFlow, RAG, Generative AI, 3D Modeling

Feb 2025

- Developed and launched the MVP in 24 hours, delivering an AI-powered tour guide for 12+ monuments.
- Enabled 3D reconstructions of 5 historical sites with generative AI models.
- Implemented a cultural treasure hunt with location-based quizzes, completed by 50+ local participants.

### MoodyMap – Mood Tracker & Academic Planner | Swift, NestJS, MongoDB, OpenAI

Oct 2024 – Dec 2024

- Created a personalized mood tracker and planner for iOS with 10+ mood-driven features.
- Analyzed emotional state using camera or image uploads with 85% model accuracy (benchmarked).
- Generated study plans based on exam dates and user motivation types (high-focus, average, disengaged).

### Web Development Intern – FinConnect Financial Solutions | Angular, Spring Boot

Jun 2024 – Jul 2024

- Engineered ticket management platform (Angular + Spring Boot) with JWT, improving workflow speed by 40%.
- Established user roles for 300+ tickets/day and coordinated with 5 teammates.
- Implemented chatbox, filters, priority system, and PDF generation to cut resolution time by 30%.

### Web Development Intern – SOFTParadigm | Angular, Spring Boot, HTML/CSS

Jun 2022 – Jul 2022

- Authored 10+ frontend components and backend APIs while collaborating in an agile team of 4.
- Constructed responsive UI and reusable modules, boosting page load speed by 25%.

## LEADERSHIP & VOLUNTEERING

### President – Leo Club Bueno Mercado

Oct 2021 – Oct 2022

- Organized 10+ charity initiatives, mobilizing 15+ members to support 200+ underprivileged individuals through donation drives and local events.

### Supervisory Board Member – Khaznadar Youth Club

Jul 2020 – Sep 2021

- Directed planning activities across 6 board members, achieving a 25% increase in event participation and improving decision turnaround time by 30%.

### TYT Trainer – National Youth Club Association

Aug 2020 – Aug 2021

- Delivered 20+ training sessions to 50+ youth members on soft and hard skills, boosting training completion rates by 35% and increasing member engagement.

## KEY STRENGTHS

Leadership, Communication, Strategic Thinking, Initiative, Team Collaboration

## LANGUAGES

Arabic: Native proficiency    French: Professional (C1)    English: Professional (C1)    German: Basic (A2)