

SOUMYA AIT MBARK

Software Engineer

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PROFILE

Recent Computer Science & Networks Engineering graduate with full-stack experience across three different stacks: Python, Java/Spring Boot, and PHP/Laravel on the backend, paired with React and Angular on the frontend. Comfortable designing secured REST APIs, working with relational databases (MySQL), and delivering features end to end within Agile/Scrum teams. Also bring applied AI/RAG project experience.

EXPERIENCE

AI Engineer Intern | TechPalMar 2025 – Sep 2025

- Designed and developed an AI-powered intelligent legal assistant for Arabic legal-language processing, end to end.
- Built the backend in Python, implemented dialogue management with Rasa, and developed the front-end in React.
- Implemented a Retrieval-Augmented Generation (RAG) pipeline with ChromaDB and SentenceTransformers, integrating AraBERT for legal-text understanding and LLaMA 3 for response generation.

Full-Stack Developer Intern | EMSIJul 2024 – Sep 2024

- Designed and built an HR management platform: back-end architecture in Spring Boot with a secured REST API, and a dynamic, responsive front-end in Angular.
- Implemented role-based authentication and authorization (Admin, Employee, HR).
- Built modules for managing employees, departments, absences, and performance evaluations.

Full-Stack Developer Intern | CDMA SolutionsAug 2023 – Sep 2023

- Built and improved front-end and back-end interfaces for a web and mobile claims-management app ("CDMA Expertise") using Laravel, PHP, Bootstrap, HTML, CSS, and JavaScript.
- Designed, optimized, and maintained the application's MySQL database.

TECHNICAL SKILLS

- Backend: Python, Java (Spring Boot), PHP (Laravel), RESTful API design
- Frontend: React, Angular, Bootstrap, HTML/CSS/JavaScript
- Databases: MySQL, Oracle, SQL Server, Firebase
- Practices: Git/GitHub, Agile (Scrum), clean code fundamentals
- AI/ML: RAG pipelines, LLMs, NLP, LangChain, TensorFlow, Scikit-learn, HuggingFace
- Mobile Development : Flutter (Dart) , java
- Languages: Arabic (native), French (fluent), English (fluent)

EDUCATION

Engineering Degree, Computer Science & Networks specializing in Miage (Computer Methods Applied to Business Management) | EMSI, Morocco2022 – 2025

Baccalauréat, Physics-Chemistry Sciences | Lycée Abdelkhalek Torres, Morocco2020

CERTIFICATIONS

- Meta — React / React Native
- Google — Git & GitHub
- IBM (Coursera) — Machine Learning
- University of Michigan — Python
- OPENCV BOOTCAMP
- Anthropic— Introduction to Model Context Protocol (MCP)

LANGUAGES

English: Fluent **French:** Professional **Arabic:** Native