Yassmine ELABJANI

Passionate about AI and Full-Stack Development, seeking a PFE internship to design innovative and data-driven solutions | +212 656-971785 | elabjani.yassmine@gmail.com | linkedin.com/in/yassmineelabjani | github.com/yasselab

PROFESSIONAL EXPERIENCE

Stellantis Kénitra   June 2025 – July 2025
AI & Full Stack Development Intern   *Kénitra, Morocco*

- Developed a full-stack training management platform integrating a dynamic competency matrix and an AI-based recommendation service for the HR department.
- Built a FastAPI microservice for semantic recommendation of trainings, combining TF-IDF, domain-specific keywords, and Sentence-Transformers embeddings to match employee needs with available courses.
- Developed a Spring Boot backend (JWT, Spring Security MySQL), and a React + TypeScript dashboard for KPI tracking and visualization.

Université Cadi Ayyad – Doctoral Studies Center (C.E.D.)   June 2024 – August 2024
Full Stack Developer – Doctoral Management System   *Marrakech, Morocco*

- Developed Laravel application managing doctoral enrollment process with user authentication, role-based access, and application tracking with responsive Blade interfaces.

TECHNICAL PROJECTS

Forexia – AI-Driven Forex Signal Generator | *Playwright, FinBERT, SQLModel, Ollama, Docker, RAG*   2025
- Developed an end-to-end AI system for Forex news scraping and sentiment-based signal prediction using Playwright, BeautifulSoup, and FinBERT.
- Built REST APIs with FastAPI and SQLModel, containerized via Docker Compose with PostgreSQL and Ollama (Phi-3) for local AI reasoning.

Data Warehouse & Power BI Reporting | *SQL Server, SSIS, Power BI*   2025
- Designed and implemented data models, performed ETL processes with SSIS, and built interactive BI dashboards for decision-making.

ToMobilti – C2C Car Rental Mobile Application | *React Native, Spring Boot, MySQL, JWT, Docker*   2025
- A cross-platform mobile application enabling peer-to-peer and agency-based car rentals.
- Developed using React Native and Spring Boot, featuring secure JWT authentication, role-based access, full CRUD operations, and Dockerized deployment for seamless integration of frontend, backend, and database services.

NutriWise – Web-based Nutrition Tracking Application | *JEE , PostgreSQL, Tomcat, Maven*   2025
- A full-stack Java EE web application for personalized nutrition tracking, structured under the MVC pattern with Maven-based deployment.

Stellar Classification – Machine Learning Project | *SVM, KNN, Random Forest, Decision Tree*   2024
- Built a supervised learning model to predict stellar types from astrophysical data.

EDUCATION

École des Sciences de l'Information (ESI)   September 2023 – Present
Master's Degree in Engineering – Information Systems Engineering and Digital Transformation   *Rabat, Morocco*

Lycée Ibn Timiya – Classes Préparatoires aux Grandes Écoles (CPGE)   September 2021 – June 2023
Mathematics and Physics – Intensive Preparatory Program   *Marrakech, Morocco*

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, C, JavaScript, TypeScript
Web & Application Development: SpringBoot, Angular, React, Next.js, Flutter, FastAPI, Node.js, PWA, REST APIs
AI & NLP: Machine Learning, Large Language Models, Hugging Face, FinBERT, Playwright, BeautifulSoup, pgVector
Databases & DevOps: SQL, MySQL, PostgreSQL, NoSQL, Docker, Git/GitHub/GitLab, CI/CD, Kubernetes
Languages: French (Bilingual), English (Professional)
Modélisation: UML, Merise, BPMN

CERTIFICATIONS

*OCI Generative AI Professional- Oracle- 2025 *Agile Project Management- HP Life- 2024