

Youssef EL KAHLAOUI

Casablanca, Morocco | youssef.elkahlaoui.dev@gmail.com | +212 689212356

 [linkedin profile](#) |  [Portfolio](#) |  [GitHub profile](#)

PROFESSIONAL SUMMARY

Engineering student specializing in Digital Transformation & Artificial Intelligence. Skilled in modern software engineering, Machine learning & Deep Learning, DevOps, and AI-driven solutions. Experienced in building scalable web applications, machine learning pipelines, and intelligent chatbots. Passionate about innovation, continuous learning, and contributing to impactful digital transformation projects.

PROFESSIONAL EXPERIENCE

- **AI/Full-stack Development Intern - XAI** Rabat, Morocco
August 2025 – October 2025
 - Developed Morocco's 1st AI Gateway for national AI sovereignty, integration possibility of 120+ closed- and open-source LLMs (OpenAI, Gemini, LLaMA, Mistral, etc.), and enabling enterprise-customizable model selection. Improved request routing and scalability, delivering cost-efficient, flexible AI services.
- **Data Science Intern - Twine LTD** Remote - London, UK
June 2025 – August 2025
 - Led two AI-driven projects:
 - Built a **computer vision model** to detect car numbers and brands for a technical vehicle inspection company, improving accuracy to **97%**.
 - Developed an **AI support assistant** that reduced redirected conversations to human agents by about **40%**, significantly lowering operational costs.
- **Help Desk Agent - GCI Telecommunications** Casablanca, Morocco
July 2024 – Aug 2024
 - Provided technical support and communication services, handling troubleshooting requests and resolving customer issues. Developed skills in teamwork, incident management, and service delivery within a fast-paced telecom environment.

CERTIFICATIONS

- Oracle Cloud DevOps Professional
- Cisco Network Technician
- Oracle Cloud Generative AI Professional
- Google Nuts and Bolts of Machine Learning
- Oracle Certified Java SE 8 Programmer

EDUCATION

- **National School of Applied Sciences (ENSA) - Al Hoceima** Al Hoceima, Morocco
Sept 2021 – Present
Engineer's Degree in Digital Transformation & Artificial Intelligence

RECENT PROJECTS

- **JudiciAIR – Moroccan Legal Chatbot**
 - An intelligent legal assistant to simplify access to Moroccan law by providing instant, accurate legal guidance.
Stack: Python, Flask, PyTorch, React.js, HuggingFace, Llama 4
- **CareeAIR – Career Assistant SaaS**
 - An AI-powered career platform to help professionals accelerate their growth through personalized tools.
Stack: Next.js, TypeScript, Prisma, Azure, Docker, Grafana, Gemini 2.5
- **Open Food Facts – Big Data Web App**
 - A Big Data app analyzing +3M food products to provide personalized recommendations and health insights.
Stack: Python, Flask, PySpark, Spark MLlib, MongoDB, Azure

TECHNICAL SKILLS

- **Programming:** Python, Java, C/C++, PHP, TypeScript, JavaScript, Scala, MATLAB
- **Frameworks:** React.js, Angular, Laravel, Spring Boot, Spring Framework, Flask, Fast API, Next.js
- **Data / AI:** Pandas, Numpy, Seaborn, Matplotlib, Scikit-learn, TensorFlow, Keras, PyTorch, Spark, Kafka, Redis, Hadoop, Hive, PowerBI
- **Databases:** SQL/PL/SQL, MongoDB, PostgreSQL, MySQL, Prisma ORM
- **DevOps:** Linux, Git/GitHub/GitHub Actions, Docker, Kubernetes, Terraform, Ansible, Pulumi, Jenkins, Grafana, AWS, Azure, OCI, GCP
- **Others:** Odoo ERP, Agile Methodologies, Networking / Cybersecurity essentials, Microsoft 365, WordPress, Adobe (Ps, Ae, Pr, Ai)
- **Languages:** English (Professional), French (Professional), Arabic (Native)