

Imane Chakrellah

Aspiring Cloud, AI & DevOps Engineer | Full-Stack Developer

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About Me

Passionate about computer engineering and emerging technologies, I am constantly seeking to enhance my technical and analytical skills. Currently looking for a **PFE internship (pre-hire opportunity)** to apply my knowledge and contribute to innovative and impactful projects. **Polyglot : French, English, Arabic, and Turkish.**

Education

- **Ecole Marocaine Sciences et de l'Ingenierie**-Master's in Computer Science and Networks 2021 – Now
- **Lycee Abderahim Bouabid**- High School Diploma in Sciences 2020 – 2021

Experience

PROVIROLL – Twitter Automation Agent

Paris, France
July- September 2025

- Built an AI agent automating content creation and posting on Twitter/X.
- **ElizaOS**: orchestrated agent behavior via Twitter API, **snsnscrape/Tweepy**: scraped and built tweet datasets, **Hugging Face**: fine-tuned NLP models for coherent and context-aware content.

LUMINALINK – Coffee Shop

Rabat, Morocco
July–August 2024

- Developed a serverless coffee order system on AWS with an Angular frontend.
- **AWS Lambda**: executed backend logic without servers, **API Gateway**: managed RESTful API requests, **DynamoDB**: handled NoSQL data storage, **S3**: hosted static assets and backups.

Technical Stack

- **Programming Languages:** C, C++, C#, Java, Python, SQL, HTML, CSS, JavaScript
- **Frameworks & Libraries:** .NET, React, Django, Bootstrap
- **Databases:** MySQL, Oracle, Firebase
- **Methodologies:** Agile(Scrum), Kanban
- **Cloud & Infrastructure:** AWS, Azure, Proxmox, pfSense, ESXi
- **DevOps & Automation:** Docker, Kubernetes, Ansible, Git, GitHub, CI/CD
- **Monitoring & Observability:** Prometheus, Grafana
- **Soft Skills:** Teamwork, Adaptability, Communication

Academic Projects

CI/CD Pipeline Automation

October 2025

- Implemented a full CI/CD pipeline using **Kubernetes (Minikube)**, **Jenkins**, and **ArgoCD** for automated deployment and scaling.
- **Docker** for containerization, **GitHub** for version control, and **Prometheus + Grafana** for real-time monitoring and visualization.

Healthcare AI – Predicting Patient Survival

July 2025

- Web interface predicting patient survival probabilities from medical data using ML models.
- **Scikit-learn (Python)** for machine learning, **TensorFlow** for deep learning, **Streamlit** for UI, **Power BI** for database visualization, and **ETL** for data processing.

Recommendation System – E-commerce Platform

June 2025

- Built a recommendation engine combining collaborative and content-based filtering for product suggestions.
- **PySpark + MLLib** for collaborative filtering (ALS), **Kafka/Elasticsearch** for real-time indexing.

Tech Store – JEE Website with JDBC Architecture

May 2025

- E-commerce platform for managing an electronic catalog with authentication, CRUD, and search features.
- **Jakarta EE (JEE)** for backend servlets, **JDK 17 / Tomcat 10** for runtime and deployment.

Movie Management System

2025

- Web platform for managing a movie and actor database with full CRUD features. **C# (.NET)**: implemented back-end logic and database interactions; **SQL**: handled structured data storage; **React + Vite**: built a modern, fast, and interactive frontend.

Online Taxi Reservation System

June 2024

- Developed a platform for online taxi booking with user authentication and ride management through an intuitive interface.
- **Django** backend and authentication, **HTML/CSS** user interface and responsive design, **SQL** for data storage and management.

Certificates

• Oracle Database 19c Admin Professional Credential - ORACLE	2025
• Software Engineering: Software Design, Management - Hong Kong University	2025
• Building Functional Mockups and Low-Fidelity Prototypes - Google	2025
• Introduction to Containers w/ Docker, Kubernetes OpenShift - IBM	2024
• React Basics - Meta	2024
• C++(Programmation Orientée Objet) - University of Pennsylvania Novembre	2023
• Java (Programmation Orientée Objet) - University of Pennsylvania Novembre	2023

Interests

- Baking
- Music
- Motorsport
- Football