

Kacem Lachkar

Fullstack Developer — Data Scientist — AI Trainer

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EDUCATION

ESPRIT Engineering School

2022 – 2025 (Expected)

Business Intelligence Engineering

Key Courses: Data Science, Software Engineering, Full-stack Development, Business Analytics

Faculty of Sciences of Tunis

2019 – 2022

Bachelor's in Applied Geomatics, Earth Sciences – Valedictorian

Relevant Coursework: GIS, Remote Sensing, Environmental Data Analysis

EXPERIENCE

Fullstack Developer Intern, SIMOP Tunisie

Jan 2024 – Present

- Developed dynamic web applications using Angular and Node.js, enhancing customer experience by 25
- Integrated RESTful APIs for seamless frontend-backend communication, improving performance by 15
- Collaborated with a team of 4 developers on internal tools, reducing manual processes by 20

AI and ML Trainer, Graines d'Entrepreneurs

2023 – Present

- Delivered comprehensive training on Python, AI, and Machine Learning to over 50 students.
- Designed curriculum and hands-on projects for real-world AI applications, improving students' technical skills by 30

PROJECTS

Airport Management System

Sep 2023 – Dec 2023

Developed a system to optimize flight scheduling, staff, and passenger management. Improved operational efficiency by 15%.

Technologies: .NET 6, C#, SQL Server

Ski Station Management System

Sep 2023 – Dec 2023

Built a web application to automate ski pass sales and staff scheduling, reducing manual work by 30%.

Technologies: Spring Framework, PostgreSQL

Business Intelligence Solution for Data Analysis

Feb 2023 – May 2024

Engineered a real-time BI solution for data-driven decision-making, delivering interactive reports for advanced analytics.

Technologies: Power BI, SQL Server, Python

SKILLS

Programming Languages: Python, Java, C, C++, JavaScript

Web Development: MEAN/MERN Stack, HTML5, CSS3, Angular, Node.js

Frameworks: Spring, .NET, Express.js, Flask

Databases: SQL Server, MySQL, MongoDB, PL/SQL

Data Visualization: Power BI, Tableau, Seaborn, Matplotlib

Geomatics and GIS Tools: ArcGIS, QGIS, Leaflet

Other Tools: Git, Docker, Linux, Windows, Jupyter

CERTIFICATIONS

- **Exploratory Data Analysis in Python** – DataCamp (Sep 2024)
- **Relational Database Administration (DBA)** – Coursera (Jan 2024)
- **IBM Data Analyst Specialization** – Coursera (Dec 2023)
- **IBM Data Science Specialization** – Coursera (Sep 2023)
- **Power BI Fundamentals for Data Analytics** – FestMan Learning Hub (Aug 2023)
- **Python Essentials 2** – Cisco (Aug 2023)

LANGUAGES

- **Arabic:** Native
- **English:** Fluent (B2)
- **French:** Fluent (B2)