

MEHDI BEN FREDJ

1st Year Engineering Student – TEK-UP University
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SUMMARY

Ambitious engineering student with a strong passion for **Cloud Computing, Cybersecurity, and Artificial Intelligence**. Highly motivated, fast-learning, and consistently driven to expand knowledge through hands-on projects, certifications, and real-world technical teaching experience. Strong analytical mindset, excellent teamwork abilities, and a continuous desire for self-improvement.

EDUCATION

TEK-UP University

1st Year Engineering Cycle

Ariana, Tunisia

2025 – Present

TEK-UP University

Preparatory Engineering Program

Ariana, Tunisia

2023 – 2025

Pioneer School of Ariana

High School Diploma – Mathematics

Ariana, Tunisia

2019 – 2023

PROFESSIONAL EXPERIENCE

AWS AI Foundations – Instructor

TEK-UP University

Aug 2025

Ariana, Tunisia

- Delivered AWS AI Foundations training to university students, covering key AI concepts and AWS cloud services such as SageMaker and Rekognition.
- Guided students through hands-on labs and real-world AI applications.
- Prepared learners for certification and supported them in practical cloud AI projects.

Red Hat Certified Specialist in Containers – Instructor

TEK-UP University

Jul 2025

Ariana, Tunisia

- Taught advanced containerization concepts using Docker and OpenShift.
- Helped students master enterprise container workflows and DevOps-oriented deployment strategies.
- Supported learners in container management, image creation, and production-grade deployment practices.

PROJECTS

Stroke Prediction ML Model — Python, ML

Mario Hack – SESAME

- Developed a machine learning model to predict stroke occurrences using diverse preprocessing and classification techniques.
- Worked with uncleaned real-world datasets, applying data cleaning, feature engineering, and model evaluation strategies.
- Built as part of a hackathon challenge at SESAME University.

CERTIFICATIONS

AWS Certified Cloud Practitioner (CCP)
AWS AI Practitioner (AIF)
AWS Machine Learning Engineer Associate (MLA)
eJPT – Junior Penetration Tester
eWPT – Web Penetration Tester
PCAP – Certified Associate Python Programmer
PT1 – Practical Junior Penetration Tester (TryHackMe)
RHCSA – Red Hat Certified System Administrator
RHCE – Red Hat Certified Engineer
Red Hat Certified Specialist in Containers
Microsoft AI-900 – Azure AI Fundamentals

TECHNICAL SKILLS

Cloud: AWS (SageMaker, IAM, EC2, Lambda), Azure Fundamentals
Cybersecurity: Pentesting basics, Web Security, TryHackMe (Top 1%)
AI & ML: Python (Pandas, NumPy, Scikit-learn), ML Modeling
Programming: Python, C, C++, Java, JavaScript
DevOps & Containers: Docker, OpenShift, Linux (RHEL)
Other Skills: Git/GitHub, SQL, HTML/CSS

SOFT SKILLS

Cloud: AWS (SageMaker, IAM, EC2, Lambda), Azure Fundamentals
Cybersecurity: Pentesting basics, Web Security, TryHackMe (Top 1%)
Adaptability
Teamwork
Problem-Solving
Communication Time Management

ACTIVITIES

Member – Securinets TEK-UP <i>Cybersecurity Club</i>	2023 – Present <i>Ariana, Tunisia</i>
Member – IEEE TEK-UP Student Branch <i>Professional Association</i>	2023 – Present <i>Ariana, Tunisia</i>