

# 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

Aug 2025

*TEK-UP University*

*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

Jul 2025

*TEK-UP University*

*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.

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## 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

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## 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

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## 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**

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## ACTIVITIES

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