Ahmed BEN MAKHLOUF

Telecommunications Engineering Student — Cloud & DevOps

 Ahmedbm99   in ahmed-ben-makhlouf   ✉ benmakhloufahmed1@gmail.com   ▪ +216 55 491 729   Tunisia

SUMMARY

Final-year Telecommunications Engineering student specializing in **Cloud Computing & DevOps automation**. Skilled in **Kubernetes, Docker, Apache Airflow, CI/CD, Azure Cloud**. Experienced in deploying scalable microservices, orchestrating ETL pipelines, and automating workflows. Seeking a **PFE internship (Feb–Jun 2025)** to contribute to infrastructure automation and cloud-native solutions.

EDUCATION

2023 – Present	**Engineering Degree in Telecommunications** (Expected 2026) ENET'Com, Sfax, Tunisia
2020 – 2023	**Bachelor's Degree in ICT – Telecommunications** ENET'Com, Sfax, Tunisia

ACADEMIC PROJECTS

Jan 2025 – Apr 2025 — **ETL Pipeline Orchestration with Airflow & Kubernetes**

- Built automated ETL workflows for meteorological data processing.
- Managed scheduling & monitoring with **Apache Airflow**.
- Deployed pipelines on **Kubernetes** using **Docker** & **Helm**.
- Automated cleaning in **Python**, improving data quality by 20%.

Feb 2023 – Jun 2023 — **Bachelor's Final-Year Project (PFE) – Online Ordering Web Application**

- Full-stack application: **Express.js (Node.js)** backend & **Vue.js** frontend.
- Added product rating, image upload, and order tracking features.
- Applied **MVC architecture** with a normalized **MySQL** schema.

EXPERIENCE

Jul 2025 – Sep 2025 — **Summer Internship – Proged Solutions**

- Integrated **Power Automate** workflows into a web app.
- Developed **.NET REST APIs** and React dashboards for monitoring.
- Implemented **Azure Entra ID** authentication.
- Configured alerts, reducing manual checks by 80%.

Jul 2024 – Aug 2024 — **Summer Internship – Spark IT**

- Built backend APIs with **Symfony (PHP)**.
- Developed frontend with **Vue.js**, Bootstrap, Tailwind CSS.
- Optimized **MySQL** queries, improving response time by 15%.

TECHNICAL SKILLS

Cloud & DevOps: Kubernetes, Docker, Apache Airflow, Helm, CI/CD, Azure Cloud, Azure Entra ID, Git
Programming: Python, Java, C, PHP, JavaScript
Databases: MySQL, Oracle, Azure MySQL
Networking: Cisco CCNA, Active Directory, Windows Server

LANGUAGES

Arabic (Native), French (B2), English (B2)

COMMUNITY INVOLVEMENT

2020 – Present — **Rotaract Club Sfax Métropole**

- Served for 4 years in various roles, including **Vice President** and **Treasurer**.
- Coordinated community projects, events, and public interest initiatives.
- Managed club funds and financial planning.