

Achraf Ben Abdallah

Second-Year Telecommunications Engineering Student

Currently in my second year of telecommunications engineering with a specialization in cloud, I have worked on several projects that have allowed me to gain experience. These diverse experiences have enabled me to develop solid skills in the fields of cloud computing and DevOps.

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Compétences

git	Virtualisation	AWS	Python
Administrastion linux	github actions	Azure	MySQL.
Docker	java	Firebase	Javascript

Academic Background

National School of Electronics and Telecommunications of Sfax

2022-Présent | Sfax, Tunisie

Second-Year Engineering Student in Telecommunications Engineering.

Preparatory Institute for Engineering Studies of Sfax

2020-2022 | Sfax, Tunisie

Admitted to the National Engineering Schools Entrance Examination.

Professional Experience

Automated Android Evaluation with GitHub Classroom | Final Year Project at ENET'COM

- Implemented CI/CD workflows using GitHub Actions for continuous integration and automated deployment, reducing deployment time by 60%.
- Integrated automated testing, including unit tests and Android instrumentation tests, into CI/CD workflows.
- Automated evaluation of practical assignments for Android development students, reducing manual workload for teachers by 80%.
- Execution of our 5 scripts that we wrote and automation of tests in a Docker container

Advanced EC2 Instance Management with Termination Protection and Integrated Monitoring | ENET'COM

- Successfully launched EC2 instances with termination protection enabled.
- Effectively monitored EC2 instances to ensure their proper functioning.
- Detected and resolved performance issues of EC2 instances.
- Modified the security group used by our web server to allow HTTP access.

Smart Irrigation Web App | Régim-LAB,SFAX

- Developed an intelligent irrigation system based on the Internet of Things (IoT) within a team of 3.
- Designed and deployed a responsive user interface with Flutter.
- Reduced farmers' operational workload through the automation of the irrigation process, decreasing the required time by 70%.
- Utilized Firebase for data management and real-time communication between the application and the irrigation system, reducing water waste by 80%.

Certifications

AWS Educate Getting Started with Compute - Amazon Web Services Training and Certification

Microsoft Certified: Azure Fundamentals - Microsoft

CCNA 2- cisco

Languages

- English-Intermédiaire
- French -Intermédiaire
- Deutsch -Débutant
- Arabe- Langue maternelle

Centres d'intérêt

- Organization of gaming events: Organized a local video game tournament, Geekland.
- Participation in MedHack hackathon.
- Interest in travel and exploration.