

Alaa BOUGHAMMOURA

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SUMMARY

Final-year Computer Science engineering student and AWS Certified Cloud Practitioner with hands-on experience in over 10 projects and pipelines. Skilled in CI/CD, Infrastructure as Code, containerization, and automation on AWS. Currently completing an exchange semester at CY Tech, France, and seeking a final-year internship to apply expertise in building scalable, cloud-native solutions.

EDUCATION

- **International Semester Focused on Cloud Engineering and DevOps** 2025-2026
CY Tech France
- **Engineering Degree in Computer Science** 2023-2026
School of High-Tech and Smart Data - SESAME Ariana, Tunisia
- **Preparatory Classes for Engineering Studies - Physics and Chemistry (PC)** 2021-2023
Faculty of Science of Monastir Monastir, Tunisia

EXPERIENCE

- **Cloud and DevOps Engineer Intern** july-august 2025
SofiaTech Tunisie Tunis, Tunisia
 - Designed and deployed a scalable microservices architecture using AWS to enhance modularity and performance.
 - Implemented automated CI/CD pipelines with AWS CodePipeline and CodeBuild for reliable deployments.
- **Full Stack Developer Intern** july-august 2024
MOBELITE LABS Monastir, Tunisia
 - Developed a modern mobile music streaming app with smooth UI, audio player, playlist management, and dynamic data fetching via REST API.
 - Contributed to all project phases including design, development, testing, and continuous user experience improvement.

PROJECTS

- **Deploying a CI/CD Pipeline with a Managed Deployment Stage – DevOps Project** September-October 2025
 - Implemented a CI/CD pipeline on AWS using CDK with automated build, test reporting, containerization, and deployment stages including manual approvals.
Tools: Python, Docker, Amazon ECS, Amazon ECR, git and AWS CodeCommit.
- **Design and Development of a Highly Available Architecture - Cloud Project** April-May 2025
 - Developed a highly available and scalable web application on AWS, emphasizing reliability, performance, and fault tolerance using cloud-native architecture.
Tools: EC2, VPC, Load Balancer, RDS, Auto Scaling.
- **Development of a Human Resource Management Platform - Angular-.NET Project** November-December 2024
 - Designed, implemented and tested a modular HR management platform enabling employee, leave, and role-based access management.
Tools: Angular 18, .NET 8, SQL Server, xUnit, Katalon, Draw.io, CleanArchitecture.

SKILLS

- **Programming Languages:** C, Python, Java, C#.
- **Web Technologies:** Springboot, ASP.NET, JavaScript, HTML, CSS, Angular.
- **Database Systems:** OracleDB, MSSQLServer, MySQL, PostgreSQL, MongoDB.
- **AI Fundamentals :** LLMs.
- **DevOps:** Git/GitHub, Docker, Kubernetes, Jenkins CI/CD , Terraform, Ansible, AWS.
- **Testing:** JUnit, xUnit, SonarQube, Katalon.

CERTIFICATIONS AND LANGUAGES

Languages: French (B2) , English (B2)

Certifications:

- AWS Certified Cloud Practitioner (June 30, 2025).
- AWS Academy Cloud Foundations (April 7, 2025).
- Information Technology Specialist – JavaScript (March 8, 2024).
- KodeKloud DevOps Courses (july, 2024).