MOHAMMED DAHIRY

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PROFESSIONAL SUMMARY

Cloud Computing & DevOps Engineer with hands-on experience in AWS infrastructure, CI/CD pipelines, and infrastructure automation. Proven ability to design scalable cloud architectures, implement DevOps best practices, and migrate on-premise systems to cloud environments. Strong expertise in IaC, containerization, and data pipeline orchestration.

PROFESSIONAL EXPERIENCE

Cloud & DevOps Engineering Intern   July 2025 – September 2025
Rakless   *Casablanca, Morocco*
- Led database externalization project migrating enterprise systems to AWS (RDS, S3, EC2), improving scalability and performance
- Architected CI/CD pipelines using GitHub Actions and Jenkins, automating deployment workflows across all environments
- Implemented Infrastructure as Code using Terraform and Ansible for automated provisioning and configuration management
- Established monitoring, backup automation, and disaster recovery ensuring 99.9% availability and data integrity

Salesforce Developer Intern   June 2024 – August 2024
D&A Technologies   *Casablanca, Morocco*
- Developed enterprise insurance application on Salesforce.com using Agile/Scrum, delivering iterative cloud-based solutions
- Automated workflows using Apex and LWC, integrated third-party APIs, and configured custom dashboards for real-time metrics

TECHNICAL PROJECTS

Data Pipeline Orchestration with Apache Airflow | *AWS, Airflow, Kafka, Redshift*   July 2025
- Architected automated ETL pipeline on AWS for data ingestion to Redshift with Airflow DAGs for workflow orchestration
- Implemented real-time streaming using Kafka and Zookeeper; deployed on EC2 with S3 staging and RDS metadata management
- Enforced security with IAM access control, encryption, and comprehensive logging for compliance

CardioLink – Cloud-Native IoT Health Platform | *AWS IoT Core, Lambda, DynamoDB*   Mar – May 2025
- Designed serverless architecture using AWS Lambda and DynamoDB; integrated IoT Core for real-time device communication
- Implemented containerized ML models for predictive analytics with HIPAA-compliant security and encryption

AFCON Morocco 2025 Web Platform | *PHP, MySQL, AWS*   Mar – Jul 2024
- Developed scalable event management system with optimized database, RBAC authentication, and performance optimization

EDUCATION

National School of Applied Sciences (ENSA)   Safi, Morocco
B.Eng. in Data Engineering & Artificial Intelligence   *Sep 2021 – Present*

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, DynamoDB, IoT Core, Redshift, IAM, VPC, CloudWatch), Salesforce
DevOps & CI/CD: GitHub Actions, Jenkins, Docker, Terraform, Ansible, Git/GitHub, Kubernetes (basic)
Infrastructure & Orchestration: Apache Airflow, Apache Kafka, Zookeeper, Linux System Administration
Programming & Scripting: Python, Bash/Shell, Java, JavaScript, SQL, Apex, C/C++
Databases: MySQL, PostgreSQL, Oracle DB, Amazon Redshift, DynamoDB
Networking & Security: VPC, Security Groups, IAM Policies, Network Security, Cisco Networking, Packet Tracer

CERTIFICATIONS

Udemy: AWS Data Engineer Associate, AWS Solutions Architect Associate, AWS Developer Associate | HashiCorp Terraform Associate | Database Design & SQL | Web Developer full stack | Data Science & Machine Learning
Others: Cloud Computing (Alison), CISCO Networking Basics