Sofiane Zine-eddine

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Profile Summary

- Motivated AWS Certified Cloud Practitioner pursuing AWS Solutions Architect certification, with hands-on experience designing secure, scalable, and cost-optimized cloud architectures using AWS services such as EC2, S3, VPC, IAM, RDS, Lambda, and API Gateway.
- Proficient in applying AWS Well-Architected Framework principles, with a strong focus on security best practices, including IAM policies, encryption, and least privilege access.
- Skilled in Python and shell scripting, Linux, and DevOps tools for automation and efficient cloud engineering.
- Passionate about leveraging AI to enhance cloud solutions and committed to continuous learning in cloud architecture and security.

Relevant Coursework

- Cloud Computing
- Networking
- Cloud Security
- Programming & Automation
- AI and Emerging Tech
- Software Engineering

Experience

Forage - AWS Solution Architect   **July 2025 – Aug 2025 - Remote**

- Design multi-tier applications with high availability and fault tolerance
- Implement AWS services including EC2, S3, RDS, Lambda, and API Gateway
- Apply AWS Well-Architected Framework across all five pillars
- Optimize cloud architectures for cost, performance, and security
- Design serverless and containerized solutions using AWS services

Projects

Cloud Security with AWS IAM| AWS IAM , EC2   *October 2025*

- Secure EC2 access management via AWS IAM, with user group creation, policy attachment, and differentiated permissions for development/production instances ensuring controlled authentication and authorization.

Netflix Data Analysis | AWS QuickSight , S3 | Githup Repository   *September 2025*

- Data visualization dashboard on Amazon QuickSight using Netflix dataset from S3, with account creation, data connection, diverse graphs/charts, and insights publishing for beginner-friendly, scalable analysis.

Static Website Hosting | S3 | Githup Repository   *August 2025*

- Static website hosting on Amazon S3 with ACL-enabled public access, object versioning, bucket policy adjustments, and seamless asset upload for scalable, reliable web delivery.

Banking Chatbot | Amazon Lex , Lambda   *July 2025*

- AI-powered banking chatbot built with Amazon Lex, featuring user greeting/intent recognition, banking term handling, account balance retrieval via backend integration, and conversation memory for personalized, seamless interactions.

Skills & Technologies

- **Cloud Architecture**: AWS (EC2, S3, VPC, IAM, RDS, Lambda, API Gateway, CloudWatch), Terraform, Serverless Architecture Design, Multi-Tier Architecture Deployment.
- **Cloud Security:** IAM policies, encryption, security group configurations, AWS Shield, AWS WAF, AWS Security Configuration.
- **Programming & Automation:** Python, Bash, Git, Infrastructure as Code (IaC) with Terraform, Cloud Monitoring and Optimization.
- **Operating Systems:** Linux (commands, file systems, permissions).
- **Soft Skills**: Problem-solving, communication, time management.

Education

Master Degree in IT Security and Big Data (in progress)
Abdelmalek Essadi University, Faculty of Science and Technology Tangier| Graduated July 2026

- **Relevant Coursework:** Cloud Computing, AI, Machine Learning, Deep Learning, Cybersecurity & Ethical hacking, IoT, System & Network Administration, Big Data Analysis, HPC, Distributed Database Administration.

Bachelor of Computer Science
Sultan Moulay Slimane University, Faculty of Science and Techniques Beni-Mellal| Graduated July 2024

- **Relevant Coursework:** C, Python, Java, Data Structures, UML, Web Development, Networking.

Certifications

- AWS Certified Cloud Practitioner 2025 Show Credential
- AWS Certified Solutions Architect – Associate (In Progress, Expected Jan 2025)
- AWS Certified AI Practitioner (In Progress, Expected January 2025)
- ALX Professional Foundations Show Credential