Hamza Salam

📍 London

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in LinkedIn

🐙 GitHub

CERTIFICATES

- AWS Certified Solutions Architect Associate 🔗
- AWS Certified Cloud Practitioner 🔗
- AWS Cloud Quest Cloud Practitioner 🔗
- AWS Knowledge Cloud Essentials 🔗

EDUCATION

BEng with Honours First Class in Aeronautical Engineering (1st),

City, University of London

2019-2022

PROFILE

I am a driven Cloud DevOps Engineer with extensive expertise in the AWS ecosystem. My transition into the tech industry leverages a strong background in Aeronautical Engineering and a natural talent for creative problem-solving. My dedicated learning efforts have honed my ability to design and manage scalable AWS infrastructures.

My commitment to excellence is underscored by my possession of four AWS certifications, a testament to my drive for continuous improvement. I actively engage with the tech community, sharing my projects and knowledge on LinkedIn 🔗 and GitHub 🔗.

This journey, uniting engineering and technology, showcases my adaptability and proficiency in fast-paced, collaborative environments. My genuine passion for ongoing learning enables me to make valuable contributions to projects, embodying a unique skill set as a Cloud DevOps Engineer.

TECHNICAL EXPERIENCE

Generation UK&I, AWS re/start Program
November 2022 – February 2023

Participated in a 12-week IT fundamentals and AWS Cloud training program. Developed proficiency in Linux OS, Python, and Shell scripting. Applied core AWS services including EC2, S3, IAM, VPC, Lambda, CloudFormation, RDS, and Route 53.

Achievements:
- Created scalable, highly available environments following AWS Well-Architected and Cloud Adoption Framework.
- Enhanced security by configuring access controls, encrypting data at rest and in transit, and implementing logging and monitoring using CloudTrail and Config.
- Developed serverless architectures with AWS Step Functions, AWS Lambda, Fargate, and EventBridge.

PROJECTS

Serverless Portfolio Website 🔗
Tech Stack: JavaScript, AWS S3, Amazon CloudFront, Amazon Route 53, and AWS ACM
- Created a static website on Amazon S3 with enhanced performance and security using AWS CloudFront.
- Successfully set up a custom domain, hamza-salam.click, through Amazon Route 53, implementing SSL certificates for secure HTTPS connections.
- Utilized AWS CloudFront and GitHub Actions to automate code synchronization, ensuring real-time updates and efficient maintenance of the hosted website.

3-Tier Web Application 🔗
Tech Stack: Amazon RDS, Amazon EC2, and AWS CLI

- Orchestrated the deployment of a 3-tier web application on AWS, utilizing Amazon EC2, Auto Scaling Groups, and Amazon RDS to ensure high availability and scalability.
- Set up a robust network infrastructure, including VPC, subnets, internet gateway, and NAT gateway, facilitating internet access and secure communication between application tiers.
- Employed launch templates and Auto Scaling Groups for efficient management of EC2 instances, streamlining the deployment process and optimizing resource utilization for the web and application tiers.

Deploying WordPress on EC2 🔗
Tech Stack: AWS S3, Amazon EC2, and AMI

- Proficiently deployed a WordPress server on an Amazon Web Services (AWS) EC2 instance, showcasing hands-on cloud computing skills.
- Successfully configured an AWS EC2 instance by selecting the appropriate Amazon Machine Image (AMI), optimizing instance type, and managing security settings, demonstrating competence in AWS resource provisioning.
- Proficiently retrieved system logs and located WordPress credentials, highlighting strong analytical skills and resource management for secure application access in the cloud environment

OTHER EXPERIENCE

Provide SESS, Security Steward

August 2021 – Present

Consistently delivered a high level of service with a focus on maximizing customer experience. Demonstrated expertise in task management, planning, and organization with a successful track record of efficiently allocating tasks to team members. Possessed strong decisive problem-solving skills and a proven ability to effectively resolve customer issues. Exemplary communication skills with a demonstrated ability to build rapport and effectively interact with customers.

ChyronHego, Data Validator

September 2019 – March 2020

Successfully addressed tracking discrepancies in professional football matches, collaborating with esteemed European leagues such as the Premier League, Championship, and Champions League. My responsibilities included verifying the precision of player tracking, ball tracking, and possession data, ultimately supporting real-time media applications and post-match analysis.