Sanjid Salam

Manchester, UK (Open to relocate) | **linkedin.com/in/sanjid-salam/** | sanjid.salam.p@gmail.com | 07721 700 512

Summary

DevOps Engineer with 5+ years of experience in cloud infrastructure, automation, and CI/CD pipelines. Skilled in building secure, scalable, and highly available systems across AWS and container platforms (ECS/EKS). Certified in AWS Solutions Architect Associate and Azure Fundamentals, with hands-on **DevSecOps** expertise. Improved cloud reliability and efficiency through automation and well-architected framework.

Skills

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure
Containerization & Orchestration: Docker, Kubernetes (EKS), ECS, Helm
Infrastructure as Code (IaC): Terraform, CloudFormation, Pulumi, Ansible
CI/CD Tools: GitLab, GitHub Actions, Jenkins, ArgoCD
Scripting: Python, Bash, PowerShell
Monitoring & Observability: Prometheus, Grafana, CloudWatch
Cloud Security (CSPM): AWS security hub, AWS Inspector, Hashicorp Vault, Tenable, Trivy, Snyk
Project Management: Scrum, Jira, Confluence, Trello
Networking: TCP/IP, DNS, Load Balancing, Firewall Management, VPN
Operating Systems: Linux (RedHat, Ubuntu, CentOS), Windows Server, MacOs
System Administration: Samba Share, Azure Active Directory, Office 365

Work Experience

Silicon Grid, Manchester   **02/2025 – Present**
DevOps Engineer

- Automated **EC2** usage monitoring using **Python** and **AWS Lambda** to detect out of hours resource waste, which resulted in a 25% reduction in cloud spending.
- Improved AWS security by using **IAM roles** for EC2, restricting **S3** access to specific **VPCs**, and tightening IAM policies and security groups in line with AWS best practices.
- Strengthened cloud security posture using **AWS Security Hub**, **AWS Config** reducing **CIS v3** gaps and increasing the compliance score above 90%.
- Automated security checks by integrating **Trivy** into **GitHub Actions**, reducing vulnerabilities in container images by 40%.
- Led the adoption of Infrastructure as Code (IaC) with **Ansible** and Terraform, reducing deployment time by 75% and standardizing system configurations.
- Architected Proof-of-Concept solutions leveraging **AWS FSx** and **AWS Managed AD** to assess new architectures and optimize operational efficiency and scalability.
- Developed Single Sign-On (SSO) integrations for **AWS Identity Center**, GitHub, **Terraform Cloud**, **Slack**, and **Sonar Cloud** using Azure Active Directory (Entra ID).
- Implemented Terraform IaC guardrails with **TFLint** and **tfsec** in CI/CD, catching misconfiguration and security issues before deployment.

Fiverr, Remote   **08/2022 – 01/2025**
Cloud Engineer - Freelance

- Designed and automated deployment of **AWS Lambda** serverless application using Terraform and Github Actions.
- Assisted in deploying containerized applications to EKS across Dev, QA, UAT, and Prod environments using blue-green deployments, improving release speed by 20%.
- Automated the provisioning of **ECS**, **ECR**, **RDS**, **VPC**, and **IAM** roles using Terraform, improving security, consistency, and resilience across cloud environments.

Torry Harris Integration Solutions, London   **07/2021 – 08/2022**
DevOps Engineer
- Implemented and optimized CI/CD pipelines, reducing deployment time by 30% using **GitLab**.
- Collaborated with developers to resolve pipeline issues, enhancing deployment reliability by 10%.
- Authored 50+ comprehensive process documentation articles, improving knowledge sharing by 25%.
- Integrated **GitOps** workflow for **Kubernetes (EKS)** clusters using **ArgoCD**, reducing deployment time by 40%.
- Automated security checks using **OWASP ZAP**, **SonarQube**, and **Snyk**, which enabled earlier vulnerability detection and cut overall security testing time by 50%.
- Reduced system downtime by 25% and enhanced reliability by streamlining automated monitoring with **Prometheus** and **Grafana**.

Active Lobby Information Systems   **05/2019 – 07/2021**
Cloud Engineer
- Managed and optimized AWS infrastructure (EC2, EBS, IAM, RDS, Route 53), ensuring 99.9% uptime through proactive monitoring and automated alerting using **CloudWatch** and **SNS**.
- Leveraged GitOps and Terraform to streamline cloud infrastructure automation, improving scalability, reliability, and reducing manual interventions by 40%.
- Implemented automated backup using **S3** and **AWS Backups**, reducing data loss instances by 75%.
- Integrated **GitHub webhooks** with **Jenkins** Multibranch Pipelines to auto-trigger scans and CI builds on branch creation, improving pipeline responsiveness and deployment speed by 50%.
- Led migration of legacy applications to **AWS EC2** and **RDS**, enhancing high availability and scalability while reducing system downtime by 50%.

Spectrum Soft tech Solutions   **10/2018 – 03/2019**
Cloud Support Engineer
- Administered 30+ AWS services such as EC2, RDS, IAM, Route 53, and LightSail, achieving seamless user experiences and zero downtime during peak traffic periods.
- Optimized LAMP-based servers (Linux, Apache, MySQL, PHP) achieving 99.5% uptime and improving query performance by 40%.
- Implemented SSL/TLS certificates and firewall configurations, enhancing data protection across cloud services.
- Streamlined database administration for MySQL, PostgreSQL, and MongoDB, improving query performance and reducing response time by 40%.
- Provided technical support, maintaining a 95% customer satisfaction rate and improving troubleshooting efficiency.

Education

University of Hertfordshire   **09/2022 - 09/2023**
Master of Science | Major: Cyber Security | Overall: Merit
University of Calicut   **08/2014 - 05/2018**
Bachelor of Technology | Major: Computer Science and Engineering | Overall: 2.1

Certifications

Microsoft Certified: Azure Fundamentals - AZ 900
AWS Certified: AWS Solutions Architect Associate