

SYED MUHAMMAD DANIAL

+92 330 5261717 ♦ DevOps Engineer ♦ Islamabad, Pakistan

syed1.danial@gmail.com ♦ linkedin.com/in/syed1-danial ♦ [github/syed-danial](https://github.com/syed-danial)

OBJECTIVE

DevOps Engineer skilled in cloud automation, CI/CD, and IaC across AWS, Azure, and GCP. Proficient in Kubernetes, Terraform, Docker, and CloudFormation for scalable infrastructure. Experienced with Jenkins, GitHub Actions, and Bitbucket Pipelines, plus Git-based SCM tools. Strong in monitoring with Datadog, Prometheus, Grafana, ELK, and CloudWatch. A problem solver and team player, passionate about automation and performance optimization.

EDUCATION

Bachelors of Computer Science, FAST - NUCES, Islamabad

2019-2023

Relevant Coursework: Cloud Computing, DevOps, Computer Networks, Database Systems.

SKILLS

Technical Skills

Cloud Platforms	AWS, Microsoft Azure, GCP, Vercel
Containerization	Docker, Kubernetes, AWS ECS, AWS EKS, Helm
Scripting and Automation	Python, Bash, YAML
Infrastructure as Code	Terraform, Terragrunt, CloudFormation, Ansible
CI/CD Pipelines	Jenkins, GitHub Actions, CircleCI, Bitbucket Pipelines, FluxCD, ArgoCD
Version Control	Git, GitHub, GitLab, Bitbucket
Monitoring Tools	Datadog, Grafana, Prometheus, ELK Stack, AWS CloudWatch, Loki
Networking and Security	OpenVPN, WAF, KMS, Secrets Manager, Parameter Store, SSL/TLS

Soft Skills

Communication, Problem Solving, Teamwork, Leadership, Creative Thinking, Strong Documentation Interpretation, and Adaptability

EXPERIENCE

DevOps Engineer - Level 1

Jul 2023 - Present

Eurus Technologies

Islamabad, Pakistan

- Provisioned and managed cloud infrastructure using **Terraform** and **AWS CloudFormation** custom modules, reducing manual deployment efforts by **70%** and improving infrastructure consistency.
- Dockerized microservices and built **CI/CD pipelines** using **Jenkins** and **GitHub Actions** to automate deployments on **AWS ECS**, reducing deployment time by **50%** and increasing release frequency by **2x**. Optimized containerized workloads for scalability, fault tolerance, and efficient resource utilization.
- Implemented robust security measures and strategies using **AWS WAF**, **KMS**, **Secrets Manager**, and automated backups, ensuring compliance with industry standards and enhancing system resilience against potential threats and downtime.
- Designed, deployed, and managed cloud infrastructure using a wide range of **AWS services**, including VPC, EC2, EBS, RDS, Secrets Manager, Parameter Store, Load Balancers (ALB, NLB), ECS, EKS, CloudFront, VPC, Route 53, S3, IAM, Lambda, DynamoDB, Cognito, SNS, SQS, CloudWatch, CodePipeline, CodeBuild, CodeDeploy, WAF, ElastiCache, API Gateway, KMS, Glue, Athena, Transfer Family, Step Functions, and CloudFormation.

- Managed and optimized **Kubernetes** clusters on **AWS EKS**, implementing auto-scaling, resource limits, and Helm-based deployments to enhance application performance and cost efficiency. Configured ingress controllers, service mesh, and network policies to improve security and traffic management.
- Integrated monitoring solutions using various tools i.e. **Datadog**, **Prometheus**, **Grafana**, and **ELK stack**, ensuring real-time observability and proactive issue resolution.
- Optimized cloud infrastructure **costs** by implementing right-sizing strategies, auto-scaling policies, spot instances across AWS services, and strategizing networking correctly, reducing operational expenses by **40%**.

PROJECTS

1. **YugabyteDB Backup and Restore on EKS** Designed and deployed a YugabyteDB architecture on EKS, supporting both multi-regional and single-regional clusters. Implemented continuous deployment using FluxCD with Kubernetes manifests. Automated backups via Kubernetes CronJobs and implemented a restore mechanism using GitHub Actions workflows. The backup and restore logic, built with Bash scripting, highlights my expertise in automation, scripting, and strong documentation interpretation.
Tools & Skills: AWS, Kubernetes, YugabyteDB, Terraform, FluxCD, Bash, Helm, YAML, Github Actions
Github Link: [Yugabyte-Backup-Restore-EKS-FluxCD](#)
2. **Automated Custom OpenVPN Cluster Server Deployment** Deployed OpenVPN on EC2 to provide secure access to internal resources via Terraform. Allowed 40+ users to securely connect, replacing the need for a bastion host. Configured access control and admin UI access via a webpage. This helps you access your private resources securely on your local system by importing profile on a VPN client app. Configured the server settings with bash to automate your OpenVPN cluster server with desired setup and configuration.
Tools & Skills: AWS, Terraform, EC2, OpenVPN, AWS ELB, AWS ASG, Bash
Github Link: [Terraform-OpenVPN-EC2](#)
3. **AWS Region-to-Region Database Migration** Led a disaster recovery solution by migrating Aurora RDS (MySQL 5.7 → 8.0) across AWS regions. Solved FULLTEXT index and deprecated syntax issues during major version upgrades.
4. **Serverless File Processing and Conversion with AWS Lambda, S3, and CDK** Built a serverless architecture using AWS Lambda for automated file processing and conversion. Used AWS CDK (.NET) to define infrastructure as code for S3, Lambda, and API Gateway. Implemented event-driven processing, triggering Lambda functions on S3 file uploads.
Tools & Skills: AWS, Serverless, CDK(.NET), AWS Lambda, API Gateway, AWS Transcoder
Github Link: [AWS-Serverless-File-Processing-CDK](#)
5. **User Replication for AWS Transfer Family (SFTP)** Developed an automated solution to replicate user accounts for AWS Transfer Family (SFTP), ensuring seamless access provisioning. Enabled secure user authentication and permission synchronization across regions using IAM and custom automation scripts
Tools & Skills: AWS Transfer Family, IAM, SFTP, Automation, Security, AWS Lambda, Python
Github Link: [Transfer-Family-User-Replication](#)

CERTIFICATES

1. Microsoft Certified : Azure Fundamentals (AZ-900) [Verify Credentials](#)
2. AWS Certified Solutions Architect – Associate (SA-003) [Verify Credentials](#)

LANGUAGES

- Urdu - Native
- English - Fluent