

# Arslan Arif

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## Professional Summary

AWS Certified DevOps Engineer with 4+ years in designing scalable cloud solutions on AWS and Azure. Expert in serverless architectures, CI/CD automation, container orchestration, and security best practices. Proven track record driving cost optimization and rapid deployments in enterprise environments.

## Technical Skills

### Cloud Platforms:

**AWS** (EC2, S3, IAM, VPC, RDS, Lambda, CloudFormation, CloudWatch, Route 53, ALB, SNS, SQS, EKS, ECS, ECR, Fargate, DynamoDB, Aurora, CloudFront, Secrets Manager, WAF, GuardDuty, Step Functions, System Manager, KMS, OpenSearch, Athena, SES, Security Hub, Organizations, Amplify, AppConfig, AWS SAM, AWS Inspector, AWS Shield)

**Azure** (Virtual Machines, Virtual Network, Azure DevOps, Azure Pipelines, Azure Kubernetes Service (AKS), App Service, Azure Functions, Blob Storage, Cosmos DB, Key Vault, SQL Database, Application Gateway, Azure Active Directory, Azure Monitor)

**CI/CD & DevOps Tools:** Jenkins, GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy, Azure DevOps Pipelines, Bitbucket Pipelines, GitLab CI/CD, ArgoCD

**Infrastructure as Code (IaC):** Terraform, CloudFormation, Ansible, Serverless Framework

**Containers & Orchestration:** Docker (image creation, Dockerfile, docker-compose), Kubernetes (deployments, services, Helm charts, kubectl), EKS, AKS

**Version Control:** Git (branching strategies, merging, rebasing, GitFlow, trunk-based development), GitHub, Bitbucket

**Scripting & Automation:** Bash/Shell scripting, Python, PowerShell

**Monitoring, Logging & Alerting:** Prometheus, Grafana, AWS CloudWatch, Azure Monitor, Application Insights, ELK Stack (Elasticsearch, Logstash, Kibana), Datadog, New Relic

**Operating Systems & Networking:** Linux administration (Ubuntu, CentOS, RHEL), Networking concepts (DNS, TCP/IP, firewalls, subnets, VPN, load balancing)

**Security & Compliance:** IAM best practices, Secrets management (AWS Secrets Manager, HashiCorp Vault), TLS/SSL, key rotation, least privilege access, DevSecOps fundamentals

**Additional Tools:** SonarQube, Nexus, Terraform Cloud, Helm, ArgoCD

## Certifications

- AWS Certified Solutions Architect – Associate (2023–2026)
- AWS Certified Cloud Practitioner (2023–2026)
- AWS Educate Badges: Serverless, Security, Networking, Databases

## Professional Experience

### Senior DevOps Engineer

Softoo, Islamabad, Pakistan | Apr 2025 – Present

- Lead DevOps automation using AWS native services and container orchestration (ECS), implementing IaC with CloudFormation and Terraform.
- Optimize cost & performance via Savings Plans, auto-scaling, and right-sizing compute/storage resources.
- Embed DevSecOps practices using GuardDuty, AWS Config, and custom security baselines across CI/CD pipelines.
- Architect multi-region, enterprise-grade serverless systems with Lambda, API Gateway, Step Functions, and DynamoDB.
- Collaborate cross-functionally to enhance deployment speed, system reliability, and security compliance.

### DevOps Engineer

Softoo, Islamabad, Pakistan | Jan 2023 – Mar 2025

- Designed and maintained CI/CD pipelines leveraging AWS CodePipeline, GitHub Actions, and Azure DevOps, cutting deployment times by 70%.
- Migrated monolithic apps to microservices with ECS Fargate and Lambda, enhancing availability and reducing operational overhead.
- Implemented observability with CloudWatch, X-Ray, and CloudTrail audits, increasing incident detection and response efficiency.
- Supported ISO 27001 compliance via cloud security automation and incident response workflows.
- Automated infrastructure deployments and environment consistency using CloudFormation and Terraform.

## **Junior Cloud Engineer**

Softoo, Islamabad, Pakistan | Jan 2022 – Dec 2022

- Developed foundational cloud infrastructure (VPCs, EC2, RDS, IAM) for client projects under senior guidance.
- Containerized applications, deploying Docker images on ECS and LightSail.
- Implemented static website hosting with S3 and deployment automation via Amplify and CodePipeline.
- Authored internal documentation and facilitated knowledge-sharing on DevOps best practices.

## **Lab Trainer**

Softoo Bootcamps, Islamabad, Pakistan | Oct 2022 – Mar 2023

- Delivered hands-on training on AWS Solutions Architect Associate concepts including core services like EC2, S3, RDS, VPC, IAM, Lambda, and networking fundamentals.
- Helped learners understand cloud architecture best practices, high availability, scalability, fault tolerance, and cost optimization techniques.
- Mentored participants through practical labs and case studies, enabling them to build and deploy real-world cloud solutions confidently.

## **Project Highlights**

### **The Nursery App (TNA)**

Re-architected a monolith into a modular, event-driven system using AWS Lambda, SQS, Step Functions, and DynamoDB. Automated deployments with the Serverless Framework and AWS CodePipeline. Used Parameter Store and Secrets Manager for environment-specific configuration. Integrated Firebase for messaging, analytics, and push notifications. Enhanced observability through AWS X-Ray and CloudWatch, enabling versioned rollbacks and reliable multi-environment operations.

### **YANI – AI-Powered Compliance Platform**

Led infrastructure efforts on Azure for an AI-driven compliance solution. Provisioned and managed VMs via Terraform and deployed React/Node.js workloads with robust Azure DevOps pipelines featuring rollback and validation gates. Secured secrets with Azure Key Vault and managed network access with NSGs. Centralized logging with Azure Monitor and blob storage, enabling dynamic configuration injection and staging workflows.

### **Priveal – Private Markets Platform**

Architected a fully serverless backend using AWS Lambda, API Gateway, S3, and DynamoDB. Established secure CI/CD pipelines with GitHub Actions including pull request validations,

artifact promotion, and environment segregation. Enabled full auditing through AWS CloudTrail and implemented cost-aware scaling strategies for production workloads.

### **Brillanz Group – Website Cloud Migration**

Migrated legacy websites to AWS using EC2 with ALB, multi-AZ RDS, and LightSail for simpler apps. Infrastructure was codified with CloudFormation. Used Amplify for frontend hosting, CloudFront + ACM for global secure delivery. Set up automated backup policies, failover mechanisms, and real-time health monitoring to ensure uptime and reliability.

### **USF – Universal Service Fund (Phase 1 & 2)**

In Phase 1, we developed and deployed a Laravel application on AWS ECS using AWS CodePipeline for CI/CD. In Phase 2, a completely separate serverless application was built with API Gateway, AWS Lambda, and DynamoDB, where data was moved into an S3 data lake and analyzed using Athena with Power BI. Each app had its own deployment and infrastructure approach—both secured with strict IAM, backup, and disaster recovery measures.

### **Vvast – Shopify Backend Integrations**

Developed real-time integration flows using AWS EventBridge, Lambda, and DynamoDB with TTL and secondary indexes. Implemented DLQs, retries, and CloudWatch alarms for fault-tolerant workflows. Deployed automated GitHub Actions pipelines and managed secrets/environment configs via SSM and scoped IAM policies.

### **Easefix – Local Professionals Marketplace**

Migrated services to scalable EC2 clusters with optimized RDS (read replicas + scheduled backups). Implemented blue/green deployments using CodeDeploy and CodePipeline. Enabled end-to-end observability with CloudWatch, AWS X-Ray, and alerting through SNS. Secured the environment using WAF, GuardDuty, and Secrets Manager with automated secret rotation.

## **Education**

### **Bachelor of Science in Computer Engineering**

COMSATS University, Islamabad | Sep 2017 – Sep 2021 | CGPA: 3.34

## **Soft Skills**

- Agile & Scrum methodologies
- Leadership & mentoring
- Incident management awareness
- Strong communication and documentation
- Cross-team collaboration & problem-solving