

FARRUKH FIDA

Flat No. 302-B, Samrina Corner, Gulistan-e-Johar block 14, Karachi, Pakistan
Email: farrukh.fida@gmail.com | Phone: (M) +923158566093 | [LinkedIn](#) | [Portfolio](#) | [YouTube](#)

PROFESSIONAL SUMMARY

Senior DevOps Engineer with **19+ years in IT infrastructure** and **7+ years specializing in DevOps and AWS Cloud**. Strong background in **Linux, networking, and production systems**, enabling deep troubleshooting and reliable cloud architecture design. Proven experience delivering **scalable, fault-tolerant, and secure AWS environments**, automating CI/CD pipelines, and containerizing applications using Docker and Kubernetes/ECS. Comfortable working with startups, enterprises, and remote teams.

CORE SKILLS

- Cloud & DevOps
 - AWS (EC2, ECS, EKS, ECR, S3, RDS, IAM, VPC, ALB, ASG, CloudFront, Route53)
 - CI/CD: AWS CodePipeline, CodeBuild, GitHub Actions, Jenkins
 - Docker, Kubernetes, ECS Fargate
 - Infrastructure Automation & Scripting (Bash, AWS CLI, Python)
- Systems & Networking (Strong Foundation)
 - Linux (Ubuntu, CentOS), Nginx, Apache
 - Networking (Former CCNA/CCNP)
- VPNs (OpenVPN, PPTP)
- Monitoring & Operations
 - CloudWatch (Logs, Metrics, Alarms, Events, EventBridge)
 - Grafana, loki, node exporter
 - High Availability & Auto Scaling
 - Security best practices (IAM, least privilege, secrets management)

CERTIFICATIONS

- AWS Certified DevOps Engineer – Professional
- AWS Certified Developer – Associate
- Former AWS Certified Solution Architect – Associate
- Former CCNP & CCNA (Networking)

PROFESSIONAL EXPERIENCE

M/S. Meri Sehat (PVT.) LTD, Karachi, Pakistan
Senior Manager DevOps (Reporting to CTO)

(May'2024 – Present)

Key Deliverables:

- Architected production-grade AWS infrastructure** for Laravel backend and Next.js frontend, **provisioned entirely via Terraform and managed in version control**, running backend workloads on **EC2 Auto Scaling Groups**, frontend services on ECS, and **MySQL on Amazon RDS (Multi-AZ, read replicas, RDS Proxy)** to ensure scalability, high availability, cost control, and operational consistency.
- Designed and governed end-to-end delivery pipelines**, implementing multi-tool CI/CD using **Jenkins and AWS CodePipeline (CodeBuild, CodeDeploy)**, enabling blue-green deployments and automating application provisioning workflows that reduced setup time from hours to ~1.5 minutes.
- Established centralized observability and reliability practices**, combining **CloudWatch metrics and alerts** with Slack/email notifications and **Grafana-based logging and monitoring**, enabling proactive detection of application failures and faster incident response.
- Strengthened application and platform security**, integrating **shift-left code quality and vulnerability scanning (SonarQube, Snyk)** into PR workflows and leading incident investigations using **CloudTrail**, redesigning secret management to eliminate client-side credential exposure.
- Drove cloud cost optimization initiatives**, automating non-production environment lifecycle using **AWS EventBridge and Lambda (Python)** and redesigning media delivery flows to prevent excessive **CloudFront egress costs** while preserving frontend performance.
- Led security governance and compliance efforts**, coordinating with external vendors to support **ISO 27001 and HIPAA certification**, assisting **PCI-DSS audits**, and enforcing production hardening and secure configuration standards.

This role involved hands-on architecture, IaC, automation, and incident response; selected technical deep dives and implementation summaries are available in my portfolio: <https://k8snative.github.io/portfolio/>

M/S. Takaful Bazaar (PVT.) LTD, Karachi, Pakistan
DevOps Engineer (Reporting to Senior VP Engineering)

(Apr'2023 – Apr'2024)

Key Deliverables:

- Architected AWS cloud infrastructure** for Takaful Bazaar Application v2, supporting scalable, production-grade workloads
- Designed and implemented **Infrastructure as Code (IaC)** to provision and manage cloud resources consistently
- Built **end-to-end CI/CD pipelines** for containerized Node.js applications, enabling automated builds and deployments
- Deployed applications on **ECS Fargate behind ALB with auto scaling**, improving availability and scalability
- Implemented **RDS and ElastiCache (Redis)** for backend persistence and performance optimization
- Designed **CloudFront CDN with multi-origin architecture**, integrating S3 static frontend and ALB-backed APIs, secured with **AWS WAF**
- Developed and deployed **AWS Lambda functions (Python)** to support backend automation and integrations

Selected implementation summaries and high-level technical write-ups for this role are available in my portfolio: <https://k8snative.github.io/portfolio/>

M/S. Cooperative Computing, Karachi, Pakistan
DevOps Engineer (Reporting to IT Service Delivery Manager)

(Sep'2022 – Apr'2023)

Key Deliverables:

- Supported cloud-native applications on AWS with focus on **stability and performance**
- Built and maintained **CI/CD pipelines** and deployment automation
- Assisted development teams in containerization and environment standardization
- Improved monitoring and alerting for production workloads

Selected implementation summaries and high-level technical write-ups for this role are available in my portfolio: <https://k8snative.github.io/portfolio/>

Freelance, Karachi, Pakistan
AWS Solution Architect & DevOps Engineer

(Feb'2022 – Aug'2022)

Key Deliverables:

- Designed **AWS architectures** for startups and small businesses
- Migrated applications to AWS using **EC2, RDS, ALB, and Auto Scaling**
- Implemented Docker-based deployment workflows
- Provided cost optimization and security recommendations

Selected implementation summaries and high-level technical write-ups for this role are available in my portfolio: <https://k8snative.github.io/portfolio/>

M/S. Vidizmo LLC, Karachi, Pakistan
DevOps Engineer / Network & Security Manager

(Oct'2021 – Jan'2022)

Key Deliverables:

- Managed **AWS cloud infrastructure** and deployment pipelines
- Supported hybrid infrastructure combining cloud and on-prem systems
- Ensured security, monitoring, and availability of production services

Selected implementation summaries and high-level technical write-ups for this role are available in my portfolio: <https://k8snative.github.io/portfolio/>

M/S. Sekurus International, Remote / Dubai, UAE
Cloud Engineer / Network Manager

(Nov'2015 – Sep'2021)

Key Deliverables:

- Transitioned legacy infrastructure toward **cloud-based architectures**
- Managed Linux servers, networking, and security for production systems
- Supported application deployments and infrastructure reliability

Selected implementation summaries and high-level technical write-ups for this role are available in my portfolio: <https://k8snative.github.io/portfolio/>

EARLIER CAREER (SUMMARY)

(2006 – 2015)

Held progressive roles including **Network Administrator, Senior IT Administrator, IT Manager, and Support Lead** across Pakistan and UAE.

- Strong hands-on experience with **networking, Linux, Windows Server, virtualization, and security**
- Led IT operations, support teams, and infrastructure maintenance
- This foundation enables strong DevOps troubleshooting, system design, and incident response
- (Full career history and project details available on portfolio: "<https://k8snative.github.io/portfolio/>")

EDUCATIONAL CREDENTIALS

- **BS (Computer Engineering)** from Sir Syed University of Engineering & Technology Karachi, Pakistan in 2005