

HUSNAIN ALI

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DevOps Engineer | Cloud & Platform Engineering | CI/CD Automation | DevSecOps

9+ years in software and technology, 4+ years specialized in DevOps. Cut cloud cost 35% and shortened release cycles 90% on enterprise AWS, GCP, and Kubernetes platforms for FinTech, Healthcare, and Aviation clients across Europe, the Middle East, and Asia.

B.Sc. Computer Science | AWS Certified DevOps Engineer – Professional | HEC Verified

PROFESSIONAL SUMMARY

- **AWS Certified DevOps Engineer** with 9+ years in software and technology and **4+ years specialized in DevOps**: CI/CD automation, cloud infrastructure, and scalable architecture. Began as a mobile developer; hands-on CI/CD work drove a full transition into DevOps. Now **Principal Software Engineer (DevOps & Platform) at Salestech Data & AI GmbH**. Core projects:
 - Siemens CIAM (Keycloak, Vault, EKS): enterprise customer identity & access management
 - EC2-to-Serverless Migration (AWS Lambda, Fargate): 35% infrastructure cost reduction
 - StayX Modernization (AWS, Docker): monolith split into 11 containerized microservices
 - MongoDB & Elasticsearch on Kubernetes (EKS): auto-scaling, HA data & search clusters
 - LLM Integration Platform (AWS Bedrock): rate-limited LLM API with IAM governance
 - Multi-Environment IaC (Terraform, Terragrunt): Dev/Staging/Prod, remote state locking
 - Zero-Downtime Blue/Green Pipeline (Jenkins, ArgoCD, Route 53): instant-rollback releases
- **Hands-on, AI-accelerated engineer**: writes and ships production code and IaC daily (Python, Bash, Terraform); uses **agentic coding tools and MCPs** with LLM-assisted workflows to deliver pipelines, modules, and automation faster while keeping full ownership of the code.
- **Cloud-native delivery**: infrastructure automation with IaC, CI/CD pipelines, **FinOps cost optimization**, and security compliance (**PCI-DSS, HIPAA**) across AWS and GCP.
- **Production Kubernetes (EKS)**: container orchestration, GitOps with ArgoCD and FluxCD, Helm and Kustomize for multi-environment config, and **highly available, auto-scaling workloads**.
- **Full-spectrum DevOps** across AWS and GCP compute, storage, and networking; CI/CD (Jenkins, ArgoCD, GitHub Actions, GitLab CI); IaC (Terraform, Terragrunt, Pulumi); DevSecOps (Vault, Keycloak, SonarQube, Trivy); and observability (Prometheus, Grafana, CloudWatch).
- **Technical leadership**: architecture ownership, stakeholder collaboration, mentoring, and end-to-end delivery of DevOps and cloud solutions.

TECHNICAL SKILLS

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|--|---|
| • DevOps & Cloud Infrastructure | • Disaster Recovery & High Availability |
| • Monitoring & Observability | • Infrastructure as Code (IaC) |
| • CI/CD & Pipeline Automation | • AI-Assisted & Agentic Development |
| • FinOps & Cloud Cost Optimization | • DevSecOps & Security Compliance |
| • Kubernetes & Container Orchestration | • Leadership, Mentoring & Stakeholder Comms |

Languages: Python, Bash, SQL, YAML

Cloud: AWS (EC2, EKS, ECS Fargate, Lambda, S3, RDS, DynamoDB, VPC, CloudFront, Route 53, API Gateway, SQS, SNS, SES, Cognito, Bedrock, SageMaker, Textract), GCP (GKE, Compute Engine, Cloud Storage, Cloud Functions, Cloud Build)

IaC & Config: Terraform, Terragrunt, Pulumi, CloudFormation, Ansible, Helm, Kustomize

Containers & Orchestration: Docker, Kubernetes (EKS), Amazon ECR, ArgoCD, FluxCD, Ingress-NGINX, Istio / Linkerd (service mesh)

CI/CD: Jenkins, GitHub Actions, GitLab CI, ArgoCD, Xcode Cloud, Fastlane

Messaging & Streaming: AWS SQS, SNS, RabbitMQ, EventBridge

Observability: Prometheus, Grafana, CloudWatch, Datadog, ELK/EFK, Alertmanager

Security & DevSecOps: HashiCorp Vault, Cert-Manager, Keycloak, OPA / Gatekeeper, SonarQube, Trivy, Gitleaks, SAST/DAST, IAM least privilege, PCI-DSS, HIPAA

Databases & Caching: PostgreSQL, MongoDB, MySQL, MSSQL, Redis, Dragonfly, Amazon RDS

AI & Developer Tooling: agentic coding tools, MCPs, AWS Bedrock, SageMaker, LLM-assisted automation
OS & Networking: Linux (Ubuntu, Debian, Alpine), TCP/IP, DNS, SSL/TLS

PROFESSIONAL EXPERIENCE

Principal Software Engineer (DevOps & Platform Engineering) | Salestech Data & AI GmbH

Remote (Germany / Global) | Oct 2020 – Present

Key Contributions:

- Cut infrastructure cost 35% with Terraform provisioning, Reserved Instances, and right-sizing
- Standardized CI/CD (Jenkins, GitHub Actions, GitLab CI, ArgoCD): 90% faster releases, 3x deploys
- Cut deployment time 50+ minutes with fully automated, zero-touch pipeline workflows
- Adopted agentic coding tools and MCPs for IaC and pipeline development, accelerating delivery
- Ran production Kubernetes (EKS) with GitOps (ArgoCD, FluxCD), Helm, Kustomize, and Istio mesh
- Extended IaC/CI-CD to GCP (GKE, Compute Engine, Cloud Functions) with Ansible config management
- Cut downtime 40% with a Prometheus, Grafana, and CloudWatch observability and alerting stack
- Led the StayX monolith-to-microservices migration (11 services), improving scalability
- Ran MongoDB, Elasticsearch, and a Redis / Dragonfly cache on Kubernetes for low-latency production
- Enforced PCI-DSS and HIPAA compliance with OPA / Gatekeeper policy and audit-ready environments
- Built serverless workloads on AWS Lambda, API Gateway, SQS/SNS, RabbitMQ, and Fargate
- Deployed AWS Bedrock, SageMaker, and Textract services and a scalable enterprise LLM API platform
- Built multi-region DR and cut provisioning time 60% with reusable Terraform / Terragrunt modules
- Deployed Apache Superset on AWS for self-service BI and data visualization
- Mentored engineers and aligned DevOps strategy with business goals across cross-functional teams

Senior Software Engineer | ArhamSoft Pvt Ltd

Lahore, Pakistan | Feb 2019 – Oct 2020

Key Contributions:

- Shipped 10+ mobile apps and streamlined App Store release workflows, cutting release issues 40%
- Introduced MVVM and reusable design patterns, improving maintainability across the codebase
- Built real-time features (Socket.IO chat, push) and offline sync with CoreData and Realm
- Integrated third-party APIs and early CI tooling that grew into the full DevOps practice

Software Engineer | Novatore Solutions Pvt Ltd

Lahore, Pakistan | Jul 2018 – Feb 2019

- Developed e-commerce and social apps, integrating third-party APIs and SDKs for scale

Associate Software Engineer | Developers Clan

Lahore, Pakistan | Jul 2017 – Jun 2018

- Built and maintained native apps for finance and productivity clients in agile teams

EDUCATION

B.Sc. Computer Science, University of Lahore

Lahore, Pakistan | 2013 – 2017 (HEC Verified & Attestation Ready)

CERTIFICATIONS & TRAINING

- AWS Certified DevOps Engineer – Professional, Amazon Web Services (2025)
- DevOps with AWS, LinkedIn Learning (2024)
- Software Architecture: From Developer to Architect, LinkedIn Learning (2023)
- Scalable App Development & Modular Architecture, Udemy (2022)