Yousaf Hamza

Senior DevOps Engineer
DevSecOps Engineer | SRE

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Professional Summary

Senior DevOps / DevSecOps Engineer with 7+ years of experience delivering secure, scalable, and reliable platforms for fintech and enterprise environments. Experienced in modernizing legacy systems, embedding security and compliance into delivery processes, and improving reliability and cost efficiency. Strong collaborator with a focus on automation, ownership, and mentoring teams.

Technical Skills

- **Cloud**: AWS (expert), Azure, GCP
- **IaC**: Terraform, CloudFormation, Ansible
- **CI/CD & GitOps**: GitHub Actions, Jenkins, Argo CD, Helm, Kustomize
- **Containers Orchestration**: Docker, Kubernetes
- **Security & Compliance**: HashiCorp Vault, GuardDuty, Wazuh (SIEM/XDR), Trivy, Snyk, SonarQube, Checkov, DAST/SAST/SCA, SOC 2, ISO 27001, CBUAE Audit
- **Monitoring & Logging**: Prometheus, Grafana, Loki, Open Telemetry, Fluent Bit, New Relic, Zabbix
- **Scripting & Automation**: Bash, Python
- **Databases**: PostgreSQL, MySQL, MSSQL, DynamoDB
- **OS**: Linux (Amazon Linux, Ubuntu), Windows
- **Version Control**: GitHub, Bitbucket, GitLab

Professional Experience

DevOps Engineer | Pay10 UAE, United Arab Emirates   Oct 2025 – Present

Tools: AWS (ECS, Lambda, API Gateway, CloudFront, WAF, GuardDuty Site-to-Site VPN, Direct Connect), Terraform, Docker, PIM/PAM, Jenkins, GitLab (On-Prem) Grafana, Slack, Zabbix, CloudWatch, MySQL, Redis, MongoDB, Tomcat, Java, Wazuh, Trivy, SonarQube, VPN, FinTech Compliance, SOC2, PCI

- Architected secure, highly available (HA) AWS ECS microservices using Terraform, applying SRE and Reliability Engineering principles with 99.9% uptime and automated scaling.
- Built scalable serverless APIs using API Gateway and Lambda for mobile applications, delivering low-latency responses (<200 ms) with integrated logging, and monitoring.
- Built a SIEM/XDR-oriented cloud security monitoring platform using Wazuh, GuardDuty, AWS Config, and CloudWatch, centralizing alerts and reducing MTTR by 35% via Slack and Grafana dashboards.
- Implemented AWS WAF, CloudFront, and Global Accelerator to secure applications and edge traffic, blocking malicious requests and improving global response times by 30%.
- Embedded Trivy and SonarQube into CI/CD pipelines, reducing security and compliance risks by 40% before production deployments.
- Delivered hybrid partner connectivity using OpenVPN, Site-to-Site VPN, and AWS Direct Connect, supporting secure integrations with high availability.
- Engineered HA/DR-aware CloudWatch-to-S3 Glacier archival pipelines, meeting 100% SOC2, PCI, and CBUAE audit retention requirements.

Fintech & UAE Payments Infrastructure: UAE PASS (UAEPASS), AANI (Instant Payments), Jaywan Card Network, WPS (Wage Protection System), Open Banking APIs, Digital Payments & Wallet Integrations

Senior DevOps Engineer | Alamy, Trivandrum, India,   Nov 2023 – Oct 2025

Tools: AWS (EKS, OpenSearch), Terraform, Docker, Kubernetes, Helm, GitHub Actions, Jenkins, Prometheus Grafana, Loki, NodeJS, .Net, TypeScript, MSSQL, PostgreSQL, Azure AD, Kafka, Nginx

- Designed and operated scalable AWS platforms using Terraform, EKS, and automated GitHub Actions CI/CD pipelines with Helm and Kustomize.
- Designed High Availability (HA) and Disaster Recovery (DR) architectures for MSSQL, MySQL, PostgreSQL, and Redis using Terraform automation.
- Reduced vulnerabilities by 90% through SAST/DAST/SCA integrations (Grype, Checkov, Checkmarx).
- Implemented GitHub Actions self-hosted runners on AWS to improve CI/CD cost and efficiency.
- Migrated Apache Solr to AWS OpenSearch, on-prem NGINX Gateway to EKS and on-prem Apache Tomcat, Zookeeper and Kafka to EKS/EC2 improving performance and reliability.
- Built complete observability stack using NewRelic, Prometheus, Grafana, and Loki for EKS Cluster.
- Integrated Azure Active Directory (AD) SSO for secure unified access across internal tools.

Senior Platform Engineer | Quantiphi, Trivandrum, India,   Aug 2021 – Nov 2023

Tools: AWS, GCP, Terraform, CloudFormation, EKS, ECS, GKE, Elastic Beanstalk, AWS CodePipeline, Jenkins, Angular JS, Bash, Python, CI/CD, Secrets Management, HashiCorp Vault

- Delivered multi-environment AWS and GCP platforms using Terraform and automated CI/CD.
- Implemented AWS CodePipeline, Jenkins workflows by reducing release cycles by 25%.
- Managed EKS, ECS, GKE, and Elastic Beanstalk with blue-green and rolling deployments.
- Implemented centralized ELK logging with dashboards for application observability.
- Developed Bash and Python automations to streamline operational tasks and reduce manual effort.

Site Reliability Engineer | Armia Systems, Ernakulam, India,   June 2020 - Aug 2021

Tools: AWS EC2, Ansible, Linux, Bash, Zabbix, Nagios, SLAs, SLOs, Incident Management

- Automated EC2 configuration, patching, and infrastructure tasks using Ansible and Bash.
- Deployed Zabbix/Nagios monitoring for 100+ servers improving uptime and response times.
- Defined SLAs/SLOs and improved reliability processes across environments.

TechOps Engineer | Activelobby IS, Ernakulam, India,   Oct 2018 – Feb 2020

Environment: AWS, Linux, Shell, Automation, Backups, Monitoring, Team Operations

- Managed AWS/Linux infrastructure and automated staging environments.
- Created Shell/Python automation for provisioning, backups, and system health checks.
- Led a 5-member technical support team and improved operational efficiency by 40%.

Key Achievements

- Eliminated 90% of vulnerabilities via DevSecOps automation.
- Built multi-cloud infrastructure across AWS & Azure with modular Terraform.
- Scaled Kubernetes workloads using Helm and Kustomize across environments.

Certifications

- [Certified Kubernetes Administrator](#) (The Linux Foundation).
- [AWS Certified Solutions Architect Associate](#) (AWS).
- [Terraform Associate Certification](#) (KodeKloud).

Education

MSc Computer Science (2021 - 2023), Bharathiar University, India.
BTech Computer Science (2014 - 2018), North East Frontier Technical University, India.

Soft Skills

- Team leadership, cross-team collaboration, analytical problem solving, mentoring, agile delivery