

IRFAN SHEIKH

DevOps & System Integration Engineer

Microsoft Certified: DevOps Engineer Expert (AZ-400) | Microsoft Certified: Azure Developer Associate (AZ-204)

Results-driven **DevOps and System Integration Engineer** with hands-on experience **designing, deploying, and troubleshooting** end-to-end **DevOps systems** across **cloud and containerized environments**. Microsoft-certified in **Azure DevOps, Security Administration**. Skilled in CI/CD automation, Infrastructure as Code (Terraform), Kubernetes orchestration, and observability using Prometheus and Grafana. Proven ability to debug complex system issues, optimize deployment workflows, and build scalable, reliable infrastructure solutions. Seeking remote DevOps opportunities to contribute to high-impact, production-grade systems.

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WORK EXPERIENCE

System Integration Engineer

Inovedia Technologies Ltd.

07/2017 - Present *Lahore, Pakistan*

Focus: DevOps, CI/CD, API Security, and Architecture.

- **Designed and integrated high-performance** backend systems using **REST, SOAP, and webhooks**, ensuring reliable communication between **enterprise platforms.**
- Implemented cloud-based infrastructure solutions on **AWS**, improving **system scalability** and **operational efficiency.**
- Troubleshot **complex system, API, and infrastructure issues**, **reducing downtime** and **improving system reliability.**
- Collaborated with **cross-functional teams** to align **technical implementations** with **business requirements** and **project goals.**
- Enhanced **system observability** by implementing **monitoring and logging practices**, enabling **faster issue detection** and resolution.

Engineering Support Services

Inovedia Technologies Ltd.

06/2014 - 06/2017 *Lahore, Pakistan*

Focus: AWS Monitoring, Billing Reconciliation, and Observability Tools.

- **Monitored cloud infrastructure (EC2, S3, RDS)** and identified performance and **cost optimization opportunities.**
- Built **Real-Time Observability Dashboards** using **PRTG and Grafana**, improving **system visibility and uptime,** providing 24/7 proactive monitoring and reducing incident response time.
- Assisted in **incident troubleshooting and resolution**, ensuring **minimal service disruption.**

DevOps Projects

DevOps Full Platform Project

- Designed and deployed an end-to-end DevOps platform integrating Terraform, Docker, Kubernetes, CI/CD pipelines, and Prometheus-Grafana monitoring, demonstrating full system lifecycle management and troubleshooting.
- Repo:https://github.com/irfaansheikh/devops-platform-project

Monitoring Stack (Prometheus + Grafana)

- Implemented a monitoring system using Prometheus and Grafana with Node Exporter, enabling real-time visualization of system metrics and debugging of container networking issues.
- Repo: https://github.com/irfaansheikh/devops-monitoring-stack

Kubernetes Deployment Project

- Deployed a containerized application on Kubernetes using Deployments and Services, implementing scaling and understanding internal cluster networking and load balancing.
- Repo: https://github.com/irfaansheikh/devops-kubernetes-deployment

Infrastructure as Code (Terraform) Project

- Provisioned AWS infrastructure using Terraform, including EC2 and security groups, with automated configuration using user_data scripts.
- Repo: https://github.com/irfaansheikh/devops-terraform-infrastructure

CI/CD Pipeline Project

- Built an automated CI/CD pipeline using GitHub Actions to build, push, and deploy Dockerized applications to a cloud environment.
- Repo: https://github.com/irfaansheikh/devops-cicd-pipeline

SOFT SKILLS

- Problem Solving & Critical Thinking
- Planning, Prioritization & Time Management
- Clear Communication & Team Collaboration
- Attention to Detail & Reliability

TECHNICAL SKILLS

API Integration & Development
REST, SOAP, Webhooks, GraphQL, Postman, Swagger/OpenAPI, OAuth 2.0, JWT, API Gateways (AWS, Azure)

CI/CD & DevOps Tools
Azure DevOps Pipelines, Jenkins, GitLab CI, GitHub Actions, Ansible, Terraform

Technical Support
Troubleshooting hardware/software issues, system maintenance, user support, network management

Cloud Infrastructure
AWS, Microsoft Azure

Identity & Access
Azure Active Directory, SSH-authentication

Containers
Docker, Kubernetes

Monitoring & ITSM
Prometheus, Grafana, Solar Winds, Jira, Confluence

Database Integration
Basic experience with MySQL, PostgreSQL, MongoDB, (basic integration & transformations)

CERTIFICATIONS

- **Microsoft Certified: DevOps Engineer Expert (AZ-400) –** 2025
- **Microsoft Certified: Azure Developer Associate (AZ-204) –** 2025
- **Microsoft Certified: Enterprise Administrator Expert (MS-101) –** 2022
- **Microsoft Certified: Identity & Services (MS-100) –** 2022
- **Microsoft Certified: Security Administrator (MS-500) –** 2022
- **Microsoft Certified: Teams Administrator (MS-700) –** 2022

EDUCATION

Master of Business Administration (MBA)

University of Central Punjab (UCP)

2007 - 2010 *Lahore, Pakistan*