

Syed Hashir Ayub

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SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, VPC, CloudFormation), Azure (DevOps, AD, NSG, Firewall, Storage)

Infrastructure as Code (IaC): Terraform, Ansible, CloudFormation

DevOps & Automation: CI/CD (Jenkins, GitHub Actions, Azure DevOps), Docker, Bash, Python

Operating Systems: Linux (Ubuntu), Windows Server Administration

Monitoring & Observability: Prometheus, Grafana, AWS CloudWatch, Azure Monitor

Security & Compliance: ISO 27001 Implementation, Cloud Security, IAM Policies, Backup & DR

Core Competencies: Infrastructure Automation, Continuous Deployment, Cloud Operations, Cost Optimization

WORK EXPERIENCE

BI Hub Solutions, Remote

Apr 2025 – Present

Associate DevOps Engineer

- Built and maintained **CI/CD pipelines in Azure and GitHub Actions**, enabling automated deployments and reducing release time by **70%**.
- Automated infrastructure provisioning on **AWS and Azure** using **Terraform and Ansible**, improving scalability and deployment consistency.
- Managed and monitored production workloads across **Linux servers**, ensuring **99.9% uptime** for key services.
- Containerized microservices using **Docker** and deployed them across test and production environments, streamlining delivery workflows.
- Deployed and configured monitoring solutions (**Prometheus, Grafana, Azure Monitor**) to visualize performance metrics and reduce MTTR by **40%**.
- Integrated **security best practices aligned with ISO 27001**, including IAM hardening, vulnerability checks, and backup validation.
- Supported internal DevOps initiatives to enhance infrastructure reliability, CI/CD and governance.

The Small Data Store, Remote

Sep 2023 – Oct 2024

Data Engineer Intern

- Engineered **Python automation** for data extraction from e-commerce platforms (200k+ products) using Selenium and BeautifulSoup, orchestrated via Airflow DAGs on AWS EC2.
- Built product information extraction pipeline using **Python, KOR, AWS S3**, improving accuracy and streamlining downstream processing with CI/CD integration.

EDUCATION

Bhilai Institute of Technology, Durg

Bachelor of Technology in Information Technology

PROJECT WORK

- CI/CD Pipeline for Static Website** (AWS, Terraform, GitHub Actions) Designed and implemented a CI/CD pipeline for a static portfolio website:
 - Automated build & deployment using GitHub Actions, achieving **70% faster** deployments.
 - Provisioned **S3, ACM, CloudFront** with Terraform for reproducible infra.
 - Restricted S3 access to CloudFront origins for security.
- DownDetectorX** (AWS, Prometheus, Alertmanager, Node Exporter, Blackbox Exporter) Real-time monitoring system for website uptime and server health:
 - Architected monitoring stack on AWS EC2 with Prometheus exporters.
 - Defined alert rules for CPU, memory, disk, and downtime.
 - Integrated **Alertmanager + Gmail SMTP** for proactive email alerts.

CERTIFICATES

- Microsoft Certified: Azure Administrator Associate (AZ-104)**
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)**