

# ABDUR REHMAN

## DEVSECOPS ENGINEER

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### DEVSECOPS ENGINEER

DevSecOps Engineer with strong expertise in cloud security, penetration testing, and secure CI/CD pipeline design. Experienced in embedding security throughout the software development lifecycle, from threat modeling and vulnerability assessment to automated security testing and remediation. Hands-on Linux professional with deep command of security and automation tooling. Skilled at identifying and mitigating risks across cloud infrastructure, applications, and networks, while collaborating with development and operations teams to deliver resilient, compliant systems.

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### EXPERIENCE

**DevSecOps Engineer** | AIIT Solutions, *Rawalpindi*

03/2026-Present

- Secured the CI/CD pipeline by implementing SonarQube quality gates, Trivy vulnerability scanning, and Cosign image signing to prevent Docker image tampering and spoofing; identified 645 code improvements and flagged 15% of findings as security vulnerabilities for remediation.
- Hardened a containerized AIIT application by rebuilding the Docker image on Chainguard base images, eliminating root privilege execution and enforcing CPU/memory resource limits.
- Protected an unsecured internal VPC by deploying a VPN for remote employees and monitoring network traffic with Suricata and Zeek across 8 servers, enabling detection of anomalous activity.
- Configured Active Directory (AD) with role based access controls to restrict external company users from accessing AIIT internal servers, enforcing least privilege access.
- Managed product release cycles and automated deployments on AWS, ensuring smooth, low-downtime transitions between versions.

**DevOps Engineer** | Moiz Tech Hub, *Islamabad*

10/2025-03/2026

- Migrated the application from cPanel hosting to AWS Lightsail in 1 day with zero downtime.
- Containerized the full stack application using Docker, reducing application issues to 5%.
- Deployed applications on Kubernetes using production-ready workloads, including Deployments, StatefulSets, Pods, Services, Ingress Controllers, HPA, and VPA, ensuring scalability and high availability.
- Developed Helm charts to standardize deployments and enable repeatable, consistent releases across environments.

- Implemented monitoring and observability with Prometheus and Grafana for real-time performance tuning, and used Loki with Grafana for centralized log monitoring and restricted developer access to servers.
- Managed **Google Cloud Platform (GCP)** infrastructure and deployments for external clients, ensuring secure, reliable, and cost-efficient cloud environments.

**DevOps Intern** | SPS Inc, *Islamabad*

06/2025-09/2025

- Architected and implemented CI/CD pipelines using Jenkins, Docker, and Kubernetes to enable scalable, automated application deployments.
- Deployed a containerized application on Kubernetes using Deployments, Services, and Ingress, ensuring high availability and production readiness.
- Integrated Prometheus and Grafana for monitoring and logging within a Kubernetes environment, enhancing operational visibility.
- Deployed containerized applications on IBM Cloud using IBM Kubernetes Service (IKS) and managed clusters with kubectl.
- Engineered infrastructure as code on Microsoft Azure, including VM deployment, VPN setup, and App Service configuration, to streamline cloud operations.

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## EDUCATION:

- **BS INFORMATION TECHNOLOGY** | AIR University, *Islamabad*

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## CERTIFICATION:

- Deploy and monitor applications on Azure Kubernetes Service, **Microsoft** (Sep 2026)
- Deploy containers by using Azure Kubernetes Service (AKS), **Microsoft** (Sep 2026)
- Secure AI solutions in the cloud, **Microsoft** (Sep 2026)
- Cybersecurity Analyst, **Tata Consultancy Services** (Aug 2026)
- Solutions Architecture, **Amazon Web Services (AWS)** (Jan 2026)
- Python-based Data Visualization, **Udemy** (Jan 2024)
- Python, NumPy & Pandas for Data Science, **Udemy** (Jan 2024)

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## SKILLS:

- **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud Platform (GCP), IBM Cloud
- **On-Premises Infrastructure:** On-Premises Server Setup and Management, Linux Server Administration, Active Directory (AD), VPN Configuration
- **CI/CD and GitOps:** Jenkins, ArgoCD, GitHub Actions, GitLab CI/CD, Git, GitHub
- **Containers and Orchestration:** Docker, Kubernetes, Helm, kubectl, AKS, IKS, EKS
- **Infrastructure as Code and Automation:** Terraform, Ansible, Bash Scripting, Python
- **DevSecOps and Application Security:** SonarQube, Trivy, Cosign, Chainguard Images, SAST, Container Security, Image Signing, Vulnerability Management, Threat Modeling
- **Cloud and Network Security:** Cloud Security, IAM
- **Penetration Testing:** Penetration Testing, Vulnerability Assessment, Nmap, Burp Suite, Metasploit, Kali Linux