

GHANI WAHEED

DevOps/Cloud Engineer

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Lahore, Pakistan



SUMMARY

DevOps Engineer with hands-on experience deploying and managing Java microservices in production using Kubernetes, Helm, and Argo CD. Skilled in managing cloud-hosted Linux environments and configuring NGINX for reverse proxying, SSL termination, and TCP/UDP load balancing. Proficient in using PM2 for managing Java-based microservices, enabling auto-restart, process monitoring, and centralized log handling.

Experienced in integrating backend components such as MongoDB, MySQL, RabbitMQ, and Redis. Well-versed in observability solutions, including Prometheus + Grafana for metrics monitoring and Elasticsearch + Filebeat + Kibana for centralized logging and real-time analysis. Also experienced in deploying services on on-premises Linux environments, handling manual configuration, service monitoring, and process control. Passionate about automation, infrastructure reliability, and continuously improving deployment workflows.

Additionally experienced in AWS services including EC2, Auto Scaling, Load Balancers, Route 53, S3, EBS, and EFS, as well as Azure services such as ACI, ACR, Azure DevOps Pipelines, and Kubernetes, with hands-on expertise in managing deployments, pipelines, and infrastructure in multi-cloud environments.

EXPERIENCE

09/2024 - Present

Lahore, Pakistan

DevOps Engineer

CBA EPL, NASTP Lahore

- Deployed and managed Java-based microservices using Kubernetes and Helm charts.
- Used PM2 as a process manager for Java microservices, enabling features like auto-restart on crash, centralized logging, and health monitoring.
- Provisioned and configured cloud-based Linux servers for staging and production without reliance on cloud-native services.
- Configured NGINX for reverse proxying, stream block handling (TCP/UDP), and SSL termination.
- Integrated and maintained MongoDB, MySQL, RabbitMQ, Redis, and Kafka as part of the backend infrastructure.
- Migrated from Helm-only deployments to GitOps with Argo CD, streamlining CI/CD and environment consistency.
- Optimized deployments using Kubernetes probes, resource limits, and secure secret management.
- Set up full observability stack:
Prometheus & Grafana for monitoring system/app metrics and alerting
Elasticsearch + Filebeat + Kibana (EFK) for centralized logging and search-based analysis.
- Managed AWS infrastructure including EC2, Auto Scaling Groups, Elastic Load Balancers (ALB/ELB), Route 53 DNS, S3, EBS, and EFS.
- Implemented high-availability solutions with AWS Auto Scaling and Load Balancers to ensure zero downtime.

2024 - 08/2024

Lahore, Pakistan

Associate DevOps Engineer

Quantum Dimension,

- Managed Azure workloads including ACI (Container Instances) and ACR (Container Registry) for container management.
- Built CI/CD pipelines using Azure DevOps Pipelines, integrated with Kubernetes for deployment automation.
- Worked on Java microservices deployment and lifecycle management on local/on-prem Linux servers.
- Used PM2 to manage microservice processes, ensuring uptime, restart policies, and logs.
- Configured NGINX for reverse proxying, basic load balancing, and routing of HTTP requests.
- Wrote shell scripts to automate application start/stop and log rotation.
- Participated in manual deployment and configuration of services across staging & prod environments.

2022 - 02/2024

Lahore, Pakistan

Network Engineer

Quantum Dimension,

- OS Upgrade Cisco routers using DCNM
- Configured FortiGate firewall VPNs, Firewall policies, DHCP server.
- Device synchronization with VTS.
- Add & remove subnets pool on Cisco routers.
- Port attached using Automation System.
- Configured VLANs & Trunk ports using Ansible playbook.
- Effectively resolved routing issues within multiple contexts of the Cisco.
- Execute the maintenance window changes for multiple locations, performing troubleshooting of routing and switching issues.

SKILLS

DevOps & CI/CD Tools

CI/CD Pipelines, GitHub, Azure DevOps Pipelines, Jenkins (if applicable)Containerization & Orchestration: Docker, Kubernetes, Helm Charts Process Management: PM2Infrastructure as Code: Familiarity with AWS Solutions Architect concepts.

Cloud Platforms

AWS: EC2, Load Balancer, Auto Scaling, Route 53, EBS, EFS Networking on Cloud: VPC, Subnetting, Security Groups Azure: ACR, ACI, Azure Kubernetes, Azure DevOps Pipelines.

Backend & Databases

MongoDB, MySQL, Redis Cache Shell Scripting & Linux System Administration.

Monitoring, Logging & Observability

Prometheus, Grafana, Elasticsearch, Filebeat, Kibana (EFK)Familiarity with the TICK stack (if applicable).

Network & Security

Cisco Switches, Fortigate Firewall, DCNM, VTS TCPWAVE, HPNA, INAM Networking Fundamentals: IP Routing, VLANs, DNS, DHCP, NAT.

Ticketing & DC Management Tools

BMC Remedy, JIRA, Nlyte DCIM Software.

CERTIFICATION

AWS Solutions Architect Associate

Obtained a certification in AWS Solutions Architect Associate from Amazon Web Services Training. (Validation Number: 46294602f21f400ebc4b09348a5e1871)

EDUCATION

2016 - 2020

Lahore, Pakistan

- Bachelor of Science in Information Technology
Superior University Lahore

Lahore, Pakistan

- Trainings Completion:
AWS Solutions Architect, Networking (CCNA), Linux (RHCSA), DevOps

LANGUAGES

English

Advanced

