

## **Muavia Aurangzeb**

DevOps Engineer | Cloud Architect

Islamabad, Pakistan

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### **Skills**

Cloud Platforms: Amazon Web Services (AWS), Azure, GCP

Container Orchestration: Kubernetes, Docker

Infrastructure as Code (IaC): AWS CloudFormation, Terraform

Continuous Integration and Deployment: Jenkins, GitHub Actions

Container Registries: Docker Hub, AWS ECR

Serverless Computing: AWS Lambda

Database Management: MySQL, SQL Server, Oracle Database, Amazon RDS, Azure SQL Database

Version Control Systems: GitHub, GitLab, Bitbucket

Monitoring and Logging: Prometheus, Grafana, ELK Stack (Elasticsearch, Kibana), CloudWatch

APM & Log Management: Dynatrace, AppDynamics, Datadog, Splunk, SolarWinds

Scripting and Programming Languages: Python, Bash/Shell Scripting

Web Development: HTML5, CSS3, JavaScript

Collaboration and Communication: Slack, Microsoft Teams, Jira, Confluence, Zoom, Zendesk, Google Meet

Markup Languages: XML, JSON, YAML

AWS Infrastructure Services: EC2, IAM, ECS, EKS, RDS, SNS, SQS, Lambda, S3, EBS, ELB, Route 53, VPC, Security Groups/NACLs, CloudFormation, SES, Quicksight, EMR, Kinesis, API Gateway

Operating Systems: Linux (Ubuntu), Windows 10/11, Windows Server (2012, 2016)

### **Tools**

DevOps Tools: Docker, Kubernetes, Terraform, Jenkins, Git/GitHub, CI/CD, EKS, ECS, ECR

### **Work Experience**

#### **DevOps Engineer**

*SRVERTEX LTD, UK (Remote)*

*Mar 2022 - Present | Islamabad, Pakistan*

- Provisioned infrastructure using Terraform and AWS CloudFormation.
  - Improved reliability and reduced setup time by 40%.
- Implemented CI/CD pipelines with Jenkins, GitLab CI/CD, and CircleCI.
  - Increased deployment frequency by 30% and shortened release cycles.
- Managed AWS, Azure, and Google Cloud Platform (GCP) resources.
  - Achieved 20% cost savings through optimized resource management.
- Set up monitoring with Prometheus, Grafana, ELK Stack, and Splunk.
  - Reduced downtime by 50% through proactive monitoring.
- Ensured compliance with SOC 2 and GDPR standards.
  - Enhanced security posture and achieved compliance.

## **Cloud Architect**

*Ewarenet*

*Jan 2021 - Feb 2022 | Islamabad, Pakistan*

- Architected solutions on AWS, Azure, and GCP, leveraging services for compute, storage, networking, and databases.
  - Enhanced system performance and scalability.
- Utilized IaC tools like Terraform and Azure Resource Manager (ARM) templates.
  - Streamlined infrastructure management, reducing manual configuration by 60%.
- Built scalable and resilient microservices architectures using Docker and Kubernetes.
  - Improved application reliability and deployment speed.
- Implemented CI/CD pipelines with Jenkins, GitLab CI/CD, and Azure DevOps.
  - Reduced deployment time by 50% and increased code integration frequency.

## **Python GDSC Lead**

*GDSC*

*Jan 2017 - Mar 2020 | Islamabad, Pakistan*

- Organized workshops, hackathons, and tech talks focused on Python, web development, data science, and machine learning.
  - Enhanced community knowledge and engagement in tech topics.
- Collaborated with industry experts, alumni, and local tech communities.
  - Built strong professional networks and community support.
- Promoted diversity and inclusion within the tech community.
  - Fostered an inclusive environment, increasing participation from underrepresented groups.

## **Internship**

*Jan 2020 - Dec 2020 | Islamabad, Pakistan*

- Assisted in various projects and gained hands-on experience with cloud technologies, containerization, and DevOps practices.
  - Developed foundational skills in cloud and DevOps, contributing to successful project completions.

## **Projects and Achievements**

- **AWS CloudFormation Templates for Microservices Architecture**  
Developed templates to deploy a microservices architecture using ECS and RDS.  
Reduced deployment time by 30% and improved scalability and reliability.
- **Automated CI/CD Pipeline with Jenkins and Docker**  
Designed and implemented a CI/CD pipeline using Jenkins and Docker.  
Automated build, test, and deployment processes, increasing deployment frequency by 40%.
- **Container Monitoring with Prometheus and Grafana**  
Set up a monitoring solution for a Kubernetes cluster.  
Achieved real-time monitoring and alerting, reducing downtime by 50%.
- **Security Enhancement for Docker Images**  
Implemented security best practices, including vulnerability scanning and access controls.  
Enhanced security of containerized applications, reducing vulnerabilities by 70%.
- **IaC with Terraform for Multi-Cloud Deployment**  
Deployed infrastructure across AWS and Azure for a hybrid cloud solution.  
Streamlined provisioning and management, reducing setup time by 35%.

## **Education**

- **Federal Urdu University of Arts, Sciences and Technology Islamabad**  
*Bachelor of Science in Computer Science*  
*Feb 2016 - Nov 2020*