

Muhammad Awais

Junior DevOps Engineer

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Profile

Fresh BSSE graduate with a strong passion for DevOps, cloud computing, and automation. Experienced in CI/CD pipelines, containerization, and infrastructure as code through academic projects and self-learning. Proficient in GitHub Actions, Docker, Kubernetes, AWS, and Terraform for building reliable and scalable deployments. A quick learner who enjoys problem-solving, collaborating in teams, and adapting to new technologies. Currently seeking a junior or internship role to apply my skills, gain real-world experience, and contribute to organizational success.

Education

Bachelor of Science in Software Engineering (BSSE)
University of Central Punjab, Lahore | Mar 2021 - Jul 2025

Skills

DevOps & Tools

Cloud & Infrastructure

Programming & Scripting

Soft Skills

Git, GitHub, GitHub Actions (CI/CD), Docker, Kubernetes, Linux/Shell

AWS (EC2, S3, IAM), Terraform, Ansible

Bash, Python, Java, C++

Problem-solving, teamwork, adaptability, analytical thinking

Experience

Self-Learning DevOps Engineer

- Practicing DevOps concepts and tools for the last two months.
- Applied university-level fundamentals with real self-projects.
- Built CI/CD pipelines using GitHub Actions for automation.
- Containerized apps using Docker and deployed with Kubernetes.
- Designed secure AWS infrastructure and automated it using Terraform.

Projects

- **Portfolio Website (GitHub Actions)** – Created and hosted a personal portfolio website on GitHub Pages. Configured GitHub Actions workflows to automatically build, test, and deploy changes whenever code was pushed to the repository.
- **Dockerized Web App** – Containerized a sample web application using Docker to ensure consistent performance across different environments. Built lightweight images and practiced running multiple containers efficiently.
- **Kubernetes Cluster Setup** – Deployed containerized applications on a Kubernetes cluster with scaling and load balancing. Managed pods, services, and deployments to keep applications highly available and reliable.
- **AWS Infrastructure** – Designed and deployed cloud infrastructure on AWS using EC2, S3, and IAM. Configured secure access policies and network rules to protect applications while keeping them accessible to users.
- **Terraform IaC** – Used Terraform to define and provision AWS infrastructure as code. Organized the code into reusable modules, managed state files, and automated the deployment of cloud resources.

