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

- **Cloud & Infrastructure**: AWS (EC2, S3, IAM), **Terraform**, Ansible

- **Programming & Scripting**: Bash, Python, Java, C++

- **Soft Skills**: 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.