

Usama Ahmed

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Karachi, Pakistan

SUMMARY

Final-year Computer Science student with hands-on experience in CI/CD pipelines using Jenkins and Bash, containerization with Docker, and basic AWS architecture. Comfortable working in Linux environments and Agile teams. Quick learner with strong troubleshooting and collaboration skills, eager to grow in DevOps.

EDUCATION

• Mohammad Ali Jinnah University

Bachelor of Science in Computer Science

◦ GPA: 3.41 / 4.00

Jan 2026 (Expected)

Karachi, Pakistan

PROJECTS

• CI/CD And GitOps Pipeline on Azure

Tools: Jenkins, DockerHub, ArgoCD, GitHub, Sonar



- Designed and deployed an end-to-end CI/CD pipeline on Azure VMs using Jenkins and Docker, automating build, test, image creation, and delivery.
- Integrated security and code quality checks including Trivy vulnerability scanning, OWASP Dependency Check, and SonarQube quality gates into the pipeline.
- Implemented GitOps-based Kubernetes deployments on K3s using Argo CD, enabling automated sync, self-healing, and version-controlled releases.

Jan 2026 – Present

• Full-Stack App with Docker & Docker Compose

Tools: Docker, Node.js, MongoDB, Nginx, GitHub, Visual Studio Code



- Designed and deployed a full-stack web application with multiple containers, using Docker.
- Configured Docker Compose for multi-container orchestration, reducing setup time by 70 percent.
- Implemented reverse proxy with Nginx for efficient routing and load handling.

Sept 2025 – Present

• AWS Cloud Architecture Design

Tools: AWS, EC2, VPC

Dec 2024 – Present

- Designed a scalable and secure cloud environment for a sample workload.
- Led peer-review sessions and implemented feedback to improve architectural resilience.
- Demonstrated initiative and planning in infrastructure design.

EXPERIENCE

• DevOps Intern

Beenco Lab

Dec 2025 – Present

Karachi, Pakistan

- Assisted in building and maintaining CI/CD pipelines using Jenkins for automated build and deployment.
- Worked with Docker to containerize applications, improving environment consistency.
- Supported Kubernetes deployments by updating manifests and monitoring application pods.
- Gained hands-on experience with Linux-based systems and cloud-native DevOps practices.

SKILLS

- Languages: Bash, C++, JavaScript (Basic)
- DevOps Tools: Jenkins, Git, GitHub, Docker, Kubernetes
- Cloud & OS: AWS, Azure, Linux (Ubuntu)
- Scripting & Automation: Bash scripting
- Processes: Agile/Scrum, Jira, Documentation writing

COURSES AND CERTIFICATES

Coursera Introduction to Git & GitHub

CertiProf Scrum Foundation Professional

KodeKloud Docker for Beginners

Certificate (SFPC)

Coursera Bash Shell and Basic Scripting in Linux

EXTRACURRICULAR ACTIVITIES

• Event Member – Microsoft Student Community

2024 – Present

Mohammad Ali Jinnah University

- Organized tech workshops and managed logistics for attendees, enhancing communication and coordination.

• Event Lead – Sports Society (MAJU)

2024 – Present

Mohammad Ali Jinnah University

- Led a 10-member team to execute inter-department tournaments, improving team management and decision-making.