

Muhammad Khubaib Khalid

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Results-driven DevOps Engineer with over 5 years of experience in optimizing software development and deployment processes to enhance productivity, reliability, and efficiency. Proficient in automating workflows, implementing CI/CD pipelines, and maintaining infrastructure as code. Adept at collaborating with cross-functional teams to streamline operations and deliver high-quality software solutions. Strong expertise in AWS, AWS DevOps, Azure, Azure DevOps, Digital Ocean, Terraform, Kubernetes, Ansible, Docker, Prometheus, Grafana, Loki, Promtail, Lens, Git, Github Actions, Jenkins, GitLab, BitBucket and Python / PowerShell / Bash scripting. Seeking to leverage my expertise to drive innovation and success in a dynamic DevOps role.

KEY SKILLS

- **Technical:** AWS, AWS DevOps, Azure, Azure DevOps, Digital Ocean, Docker, Kubernetes, Jenkins, Github Actions, GitLab, Terraform, Ansible, Prometheus, Grafana, Loki, Promtail, Lens, ArgoCD, Nginx, Python Scripting, Powershell Scripting, Bash Scripting, YAML Scripting, CI/CD Pipelines, Linux, Git, Jira.
- **Soft Skills:** Strong team player with good communication and leadership abilities. Reliable and deadline-oriented, with a focus on quality. Demonstrated skills in project management, continuous learning, and problem-solving.
- **Languages:** English (Fluent), Urdu (Native).

WORK EXPERIENCE

2020 – Current

Techverx, Lahore

DevOps Engineer

- Collaborated with cross-functional teams to automate and streamline build and deployment processes using AWS, Jenkins, Docker, Kubernetes, and Git.
- Deployed production application on the on-premises Kubernetes cluster through helm.
- Implemented Grafana and Prometheus for comprehensive monitoring and performance tracking of the Kubernetes environment.
- Set up an ArgoCD pipeline for continuous deployment, enabling automated and reliable deployments on the Kubernetes cluster.

- Designed and deployed scalable, secure, and cost-efficient AWS architecture using EC2, ECS Fargate, ECR, S3, RDS, Route53, Lambda, and ALB, ensuring high availability, reliability, security and performance.
- Designed and deployed scalable, secure, and cost-efficient Azure architecture using App Service, ACR, Blob Storage, Postgres flexible servers, Communication Service, Functions, and Azure Vision, ensuring high availability, scalability, reliability, security and performance.
- Designed, deployed, and maintained scalable application infrastructure on Azure Kubernetes Service (AKS), ensuring high availability, security, and efficient resource utilization.
- Orchestrated infrastructure deployment and application deployment on AWS/Azure using Terraform, ensuring scalable and cost-efficient cloud infrastructure management.
- Utilized Docker and Docker Compose to containerize applications, improving portability and consistency across environments.
- Set up NGINX reverse proxy to securely manage traffic across different servers and ports.
- Improved code quality by implementing Git workflows, conducting code reviews, and using pull requests for version control. Automated tasks with PowerShell and Python to increase team productivity.
- Created CI/CD pipelines with AWS DevOps, Azure DevOps, Jenkins and GitHub Actions, reducing deployment times and minimizing errors.
- Addressed CI/CD pipeline issues by fixing dependency versions, ensuring more reliable builds.
- Used Jira for task tracking and managing projects, ensuring smooth team collaboration during development and deployment.
- Documented best practices for Docker, Kubernetes, Terraform, AWS, Azure, and Git, helping to improve team workflows and efficiency.
- **Tech Stack:** AWS, Azure, Docker, Kubernetes, Jenkins, Github Actions, Terraform, Prometheus, Grafana, ArgoCD, Nginx, Python Scripting, Powershell Scripting, Bash Scripting, YAML Scripting, CI/CD Pipelines, Git, Jira.

2019 – 2020

Sabasoft, Lahore

Unity 3D Developer

- Collaborated with development team to build android mobile apps using C# and Unity 3D
- Collaborated with Design Team on various projects designs.
- Responsible for App Maintenance and Support.
- **Tech Stack:** C#, Unity 3D

2019 – 2020

Mikronexus, Lahore

Web Developer Intern

- Designed a solution for a Portable Mobile POS Application.
- Developed backend for a Fully Portable Mobile POS Solution.
- Implementation of RestFul API Connections which communicated with frontend.
- Hosted Database on a remote server.
- Managed seamless integration between front-end and back-end applications, ensuring efficient communication and functionality.
- **Tech Stack: Codeignitor, Ionic, MySQL, Restful API.**

EDUCATION

2015 – 2019

Bachelors of Software Engineering

COMSATS University Islamabad (Lahore, Pakistan)

PROFESSIONAL CERTIFICATIONS

2025 Azure DevOps Engineer – AZ - 400

2024 AWS Certified Solutions Architect – Associate

2023 *Cybersecurity Awareness Training*

2021 *Docker and Kubernetes*

UPCOMING CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA) – *In Progress, Expected July 2026***