Shaikh Muhammad Ajaz

DevOps Engineer

Professional Summary

DevOps Engineer with over 2 years of experience in AWS, Docker, and Jenkins CI/CD. Strong background in Linux system administration with more than 3 years of hands-on experience, and over 4 years in network administration. Skilled in containerization, automation, performance tuning, system security, and application deployment. Able to take on new tasks, troubleshoot effectively, and adapt quickly. Completed multiple relevant courses and currently expanding knowledge in Ethical Hacking. Seeking a role that allows me to apply my skills, grow professionally, and contribute to the success of the organization.

Skills

- **Containerization & Orchestration:** Kubernetes (EKS, GKE, AKS, K3s, Helm, Kustomize), Docker

- **Cloud Platforms:** AWS, GCP, Azure

- **CI/CD & Automation:** Terraform, Jenkins, Ansible, GitHub Actions

- **Monitoring & Logging:** Prometheus, Grafana, Zabbix

- **Networking:** Nginx, Load Balancers, DNS Management, Ingress

- **Operating Systems:** Linux, Windows

- **Scripting & Automation:** Shell Scripting, YAML, JSON, Python

- **Databases:** MySQL, MongoDB, PostgreSQL

Professional Experience

Webclues Infotech LLP, System Admin/DevOps   04/2022 – 05/2025 | Ahmedabad, India

- Migrated the ERB Project from AWS EKS to a VPS-based Kubernetes environment(KubeSphere).
- Configured GitHub Actions workflows for ERB Project automation.
- Set up Jenkins CI/CD pipelines for both in-house and client projects.
- Integrated Jenkins with Slack to enable real-time build and deployment notifications.
- Deployed in-house projects on AWS EKS with Kubernetes Deployments, configured Services and Ingress for secure (HTTPS) external access.
- Worked with core Kubernetes components including Deployment, StatefulSet, DaemonSet, ConfigMap, Secret, Service, Namespace, and Ingress.
- Containerized applications using Docker for optimized resource usage and portability.
- Resolved build and runtime issues related to Docker containerization.
- Hands-on experience with AWS EC2 and its components: EBS, Elastic IP, Security Groups, and KeyPairs.
- Configured VPC with 4 subnets (2 public, 2 private) for high availability and isolation.

- Used AWS S3 for storage, both via GUI and CLI.
- Used Terraform to provision AWS infrastructure components like EC2, VPC, EBS, KeyPair, and Security Groups.
- Deployed Azure Virtual Machines with public and private networking, including Azure Virtual Networks.
- Created and tested AKS (Azure Kubernetes Service) clusters.
- Deployed Kubernetes using kubeadm, kops, minikube, and also using the "Kubernetes the Hard Way" method for in-depth learning.
- Installed and configured Jenkins server from scratch to support CI/CD for multiple applications.
- Set up and tested Apache CloudStack to evaluate its potential for migrating staging environments from cloud to on-premises.
- Managed IT inventory and prepared systems for new employee onboarding.
- Diagnosed and resolved various OS, system, software, and network-level issues.
- Installed and configured a Magento application on-premise, set up domain mapping, and exposed it externally.
- Deployed Authentik server on-premises; integrated it with AWS and pfSense for LDAP and Single Sign-On (SSO).
- Designed and implemented network infrastructure for new office branches.
- Deployed and managed various tech stacks (MERN, MEAN, Laravel, Magento, WordPress) on AWS and Kubernetes.
- Configured pfSense on 3 servers; ensured inter-server LAN communication.
- Configured IPsec VPN in pfSense for secure connectivity with the Rajkot office network.
- Set up OpenVPN in pfSense to allow remote access to on-premises servers from home.
- Updated and maintained company IT asset data in Keka, including invoice, warranty, location, and configuration details for efficient assignment and tracking.

Getronics Solution Pvt Ltd, IT Engineer   12/2021 – 02/2022 | Sanand, India
- Installed and formatted laptops and desktop systems as per company requirements.
- Handled IT helpdesk queries related to system, network, and software issues.
- Performed regular checks and maintenance for projectors and other meeting room equipment.

GTPL Broadband, Network Engineer   07/2021 – 09/2021 | Ahmedabad, India
- Conducted on-site visits to troubleshoot and resolve customer issues related to internet speed and installation.
- Configured and installed routers and modems at client locations.

Greenfield Resources Pvt Ltd,   04/2019 – 04/2020 | Ahmedabad, India
Computer Hardware And Networking Engineer
- Installed and configured Windows operating systems and provided technical support to end users.
- Installed drivers and software such as MS Office, Tally, Adobe tools, and PuTTY.
- Created and maintained user accounts; handled system permissions.
- Diagnosed and resolved software-related issues.
- Performed hardware and software troubleshooting, including OS repairs and reinstallations.
- Installed and configured printers, scanners, and other peripherals.

- Installed antivirus software and configured security settings.
- Performed system backups and restores.
- Handled Windows updates, performance checks, and security patches.
- Installed and upgraded system components such as HDDs, SSDs, RAM, DVDs, and graphics cards.
- Performed motherboard and CPU-level troubleshooting (non-chip level).
- Built desktop systems based on required configurations.
- Created bootable drives and installed both Linux and Windows operating systems.
- Updated BIOS and set BIOS-level passwords.
- Repaired laptops and desktops as needed.
- Configured local area networks (LAN) and connected to the WAN (internet).
- Worked with IP addressing, static routing, and subnetting.

Certification and Training

GCP Cloud, Udemy.com   05/2025

Azure Cloud, Udemy.com   04/2025

Certified Kubernetes Administrator (CKA) with   03/2025
Practice Tests, Udemy.com

DevOps Beginners to Advanced with Projects,   01/2024
Udemy.com

CCNA, Udemy.com   02/2022

Linux System Administrator, Udemy.com   10/2021

Windows Server 2019 Administration, Udemy.com   11/2021

Hardware & Networking Engineer, IICT   11/2017 | Ahmedabad, India

Advanced Diploma In Information Technology, IICT   10/2015 | Ahmedabad, India

Projects

ERB Migration and Deployment
- Migrated the ERB Admin, API, and Database to a VPS environment.
- Deployed all components on a Kubernetes cluster using KubeSphere.
- Configured the database using an Operator to enable features like automatic backups and self-healing.
- Set up GitHub Actions to automate the deployment process.
- Configured Ingress with a TLS certificate for secure access.

Jenkins Server Setup and Integration

- Configured Jenkins server to automate build, test, and deployment processes for Continuous Integration and Continuous Delivery (CI/CD).
- Integrated Slack to receive real-time notifications for build success and failure.

Office Network Configuration with pfSense

- Deployed pfSense on-premises to control and secure internal network traffic.
- Implemented department-wise traffic restrictions and blocked access to unwanted websites.
- Segregated IP ranges floor-wise and configured the routing to enable communication between all floors.
- Set up VPN connectivity for the Rajkot office to securely access internal resources.
- Installed and configured pfSense plugins to monitor network usage and enforce network restrictions.

In-House CI/CD and Application Deployment

- Configured Jenkins CI/CD pipelines for web applications of Webclues Infotech, Globdock, and Appclusinfotech, and deployed them on AWS EC2 instances.
- Deployed *full-stack* and *backend development* MERN applications on AWS EKS Kubernetes cluster for staging, with CI/CD integration.
- Containerized the Magento application and deployed it on an on-premises server along with its database.

Education

Senior Secondary, St Joseph High School   2015 | Ahmedabad, India

Higher Secondary, S.G. Patel High School   2017 | Ahmedabad, India

Languages

Hindi • Urdu • Gujarati • English