

Abdul Jaleel

DevOps Engineer

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Profile

With six years of experience in DevOps, Cloud Technology, and Build and Release Management, I excel in various tools such as Jenkins, Ansible, Git, Docker, AWS, Kubernetes, and Terraform. Specializing in managing application infrastructures, translating business requirements into strategic solutions, and implementing automation tools for operational efficiency, I am also an AWS Certified Cloud Practitioner, Terraform Associate 003, and have the right to work in the UK.

Technical Skills

Docker, GitHub, Kubernetes, Jenkins, Ansible, CI/CD, Eclipse, Maven, Junit, Puppet, Selenium, Nagios, AWS, Prometheus, Grafana, Amazon Web Services, Apache Ant, MS SQL, My SQL, Linux, Python, Bash Scripting, Terraform, Scrum, Jira, Bugzilla.

Capstone Projects

- Implemented a Branching Development Model for efficient version control.
- Architected Jenkins Pipeline for scalable CI/CD processes.
- Built and optimized a CI/CD Pipeline with Jenkins for continuous integration and delivery.
- Dockerized Jenkins Pipeline for consistent and portable development environments.
- Developed a serverless architecture for a website using AWS Lambda and API Gateway.
- Implemented EC2 auto-scaling based on CloudWatch metrics.
- Developed backup strategies for Etcd Cluster Data.
- Deployed applications using Kubernetes Dashboard for efficient management.
- Automated infrastructure provisioning with Terraform.
- Created and deployed Docker images to Kubernetes for containerized applications.

Trainings & Certifications

- AWS Certified Cloud Practitioner (Dec 2023).
- HashiCorp Certified: Terraform Associate (003) (Feb 2024).
- Puppet Certification (Mar 2024).
- DevOps (Training).
- Docker Certified Associate (DCA) (Training).
- Container Orchestration using Kubernetes (Training).

Work History

Fortray Global Services Limited (London)

DevOps Engineer Trainee

Sep 2023 – Present

Key Responsibilities:

- Utilized Linux proficiency and basic Bash scripting skills for day-to-day operations, applied foundational Python knowledge for automation tasks, and gained a basic understanding of Windows systems and Active Directory, using PowerShell for system administration.
- Assisted in designing and implementing CI/CD pipelines using Jenkins and Git.
- Managed containerized applications, and RBAC policies, and updated the master to the latest version in Kubernetes.
- Implemented monitoring and alerting solutions using Prometheus and Grafana.
- Developed and executed backup strategies for Etcd data.
- Created Terraform configurations for infrastructure provisioning.
- Developed Ansible playbooks for configuration management and application deployment.
- Demonstrated problem-solving skills and a proactive approach to troubleshooting.

- Utilized Agile methodologies and contributed to team projects by collaborating with cross-functional teams to deliver projects within deadlines.

Cognizant Pvt Ltd., Hyd, India

DevOps Engineer

Nov 2017 - Jul 2020

Key Responsibilities:

- Use Python with Infrastructure as Code (IaC) tools such as Terraform, CloudFormation, or Ansible to automate the provisioning and management of cloud resources. Architected Jenkins Pipeline for scalable CI/CD processes.
- Collaborate with development teams to manage source code using Git or other version control systems, writing Python scripts for branching, merging, and tagging operations.
- Developed and maintained Python scripts to automate CI/CD pipelines, reducing deployment times by 30%.
- Proficient in utilizing AWS services such as EC2, Route 53, CloudTrail, and IAM for provisioning, monitoring, and administering J2EE applications.
- Proficient in leveraging GitHub Actions for automating CI/CD pipelines, ensuring efficient code testing, building, and deployment processes within collaborative development environments.
- Experienced in utilizing Google Cloud Platform (GCP) services for infrastructure provisioning, deployment, and management, contributing to scalable and reliable cloud-based solutions tailored to business needs.
- Using Terraform, utilizing Infrastructure as Code (IaC) for provisioning hosts, modifying compute resources, and attaching block volumes in vSphere and AWS environments.
- Implemented CI/CD workflows in Jenkins utilizing Groovy scripting within Jenkins files, seamlessly integrating with Terraform and Ansible for deploying, modifying compute resources, and upgrading applications.
- Skilled in Ansible playbooks for efficient deployment, upgrades, and restarts of applications/packages across diverse platforms.
- Proficient in Docker for seamless application development, deployment, and management across diverse environments, including automating image construction and deploying Helm charts in Kubernetes.

GlobalLogic, Hyd, India

Infrastructure Engineer

Oct 2015 - Aug 2017

Key Responsibilities:

- Installed, configured, and managed IBM WebSphere 6.x/7.x and JBoss 6.x application servers on Linux platforms, including integration with IBM HTTP Server.
- Setting up and managing Jenkins build servers to facilitate robust continuous integration and continuous deployment (CI/CD) workflows, ensuring seamless software delivery.
- Diagnosing and resolving infrastructure issues such as network connectivity problems, server outages, and performance bottlenecks to ensure high availability and reliability of systems.
- Proficient in shell scripting to automate manual operations such as log rotation and disk capacity monitoring for infrastructure management tasks.

Education

Master of Science in Computer Science,
University of Hertfordshire, UK

Jan 2021- Mar 2023

Interests

Swimming, Cooking, and Cricket

Reference

Will be available on request.