Farhan Ullah
DevOps Engineer

Contact

+91 8686481862
er.farhan97@gmail.com
Hyderabad, Telangana.

Technical Skills

DevOps Tools :

- Git, Github
- Ansible
- Jenkins
- Docker
- Kubernetes
- Nagios
- Maven

Amazon Web Services (AWS) :

- Elastic Compute Cloud (EC2)
- Simple Storage Service (S3)
- Virtual Private Cloud (VPC)
- Relational Database Service (RDS)
- Elastic Load Balancer (EBS)
- Elastic File System (EFS)
- AWS CloudWatch
- AWS CloudFront
- AWS Route 53
- AWS Lambda
- IAM Role.

Operating System :

- Windows
- Linux/Unix

Education

BTech - 2018

Muffakham Jah College of Engineering and Technology, Hyderabad, Telangana, Osmania University.

Intermediate - 2014

MS Junior College, Hyderabad, Telangana.

Course & Certifications

- **AWS & DevOps Certificated 2023-24**
  Full Stack Academy, Hyderabad.
- **Diploma in QA/QC Civil 2019**
  TWG International, Hyderabad
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Career Objective

An enthusiastic **fresher** with highly motivated in DevOps technologies. Expertise in DevOps & has worked in multiple complex DevOps engagements which involved using various tools, platforms, environments. Possess high working qualities with good interpersonal skills, high motivation and very proactive in problem solving to provide best solutions. Cognitive about designing, deploying, and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS). Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services. Implementing **CI/CD, Docker, Kubernetes, and DevOps processes**.

Roles & Responsibilities

- Migration of infrastructure from AWS to AWS or AWS to other Cloud.
- Hands-on experience with **EC2, S3, RDS, ELB, VPC, IAM, Lambda, CloudWatch, Route 53** and other services of AWS Cloud.
- Manage and oversee AWS Infrastructure.
- Hands-on experience in Cloud automation using AWS Cloud Formation Templates to create custom sized VPC, subnets, NAT, EC2, ELB and Security groups.
- Creating and Managing DNS records on **Route 53**.
- Familiarity with version control systems such as **Git**.
- Creating post-commit and pre-push hooks using git REPOS.
- Hands on experience with Continuous Integration tools, such as **Jenkins**.
- Hands on experience with containerization tools, such as **Docker**.
- Using **Ansible**, for cloud provisioning, configuration management, and application deployment.
- Container Orchestration using **Kubernetes**. Installing and designing Kubernetes Multi Node Clusters and Single Node Clusters running jobs and deploying pods.
- CI/CD management and automation.
- Implemented CI/CD pipeline for application deployment using tools like Git, Jenkins, Docker, Kubernetes, Nexus.
- Through knowledge on Software Development Life Cycle(**SDLC**).
- Strong Knowledge on **Linux OS**.

Internship

Trainee - AWS / DevOps Engineer   **Sept 2023 - Present**
Full Stack Academy, Hyderabad, India.

- Managing and working on Git/Github.
- Configure and manage automate servers on Jenkins.
- Develop and build projects on Maven.
- Working on CI/CD Pipeline.
- Management and automation using Ansible.
- Software built, test, deploy application using Docker.
- Hands-on Amazon web Services (EC2, S3, VPC, RDS, IAM, ELB, Route 53, CloudWatch.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
- Setup/Managing VPC, Subnets make the connection between different zones.
- Creating AWS Instances & Resources Bills.
- Windows servers & Amazon Machine Image.
- Creating Single Node Cluster & Multi Node Cluster on Kubernetes.

Experience

QA/QC Analyst   **Oct 2019 – Jan 2023**
EG Engineering Group

- Development and review of the project Quality Program documentation manuals, work processes and reporting of quality records to project management of quality documents.

- Mentoring preparation and control of project quality system management documentation prior to project/ Activity commencement.

- Providing QA/QC statistics and report QA/QC activities to Project QA/QC Manager

- Ensuring all project site compliance with Document Control system.

- Providing guidance and advice to the Project Manager on significant changes to the quality management system that have a direct impact on site operations.

- Facilitating Root Cause analysis process for site level NCRs and ensure corrective action and preventive action are acceptable and approves NCR prior to input in QMS.

- Tracking, monitoring and controlling site inputs into the quality system ensuring compliance with QMS.

- Processing, evaluating and submitting on time, completed Non Conformance Reports (NCRs), Corrective Action Request (CAR), Inspections and audit reports to Project QA/QC Manager

- Preparing reports and generating metrics as necessary to understand and communicate site compliance of QMS.

- Providing supervision, direction and training to all QC team under his/her supervision.

- Reviewing and assisting in the development of QCP and ITP as needed to ensure QC processes and requirements are well defined and clearly articulated to subordinate QCis.

- Preparing and issuing audit reports noting system no-conformances and verifying effective corrective/preventative actions.

- Delivering audit assessment findings to Project QA/QC Manager and evaluate the need for any corrective/preventative action.

- Assuring that the contract obligation's for testing and record keeping are adhered to.

- Ensuring proper turnover of complete quality control, ensure that turnover documentation is maintained, organized and turned over on schedule.

- Assisting Project QA/QC Manager to manage a field document control system for construction drawings, specifications, test and inspection reports, vendor data and as-built drawings.

- Performing evaluations of sub- contractors' facilities to determine their capabilities in meeting the quality requirements.

- Reviewing the inspection for client representative/third party laboratory and subcontractors.

- Managing and ensure proper usage of site server including full documents control, all files on the server trackable, and project data is updated to the Project Server.

- Accountable for the performance of QA/QC staff on the implementation of QA Management system -throughout the project.

- Check & monitor progress/approval reports status daily, weekly and monthly, track storing, loading and delivery to the project site.

- Overall knowledgeable of safety policies and procedures and performs assigned duties in a safe manner and, while supervising others, has responsibility for their safety and ensures that they comply with established safety policies and procedures and practice safe work habits

- Assuring Safety as a part of each employee's job, active participation to the safety program is a condition of each employee's employment in order to achieve safer working environment.