TAWFEEQ AHMED

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CAREER OBJECTIVE:

5+ Months Experience in AWS DevOps Intern and Engineering Graduate a quick learner with a strong work ethic, and Proficient in DevOps, Cloud & SLDC including analysis, design, coding, scripting, testing, automation, version control, documentation, and support

EXPERIENCE:

AWS DevOps Intern
Full Stack Academy Hyderabad   September 2023 – January 2024
- Set up and optimized CI/CD pipelines Using Jenkins, enhancing deployment efficiency.
- Utilized CloudWatch for monitoring system health and performance
- Implemented security best practices, including IAM roles and security groups
- Deployed and managed containerized applications using Docker and Kubernetes

Python & Embedded System
From Soft Tech Solution   September 2021 – October 2021
- Expanded proficiency in Python programming language and its applications through hands-on experience.
- Developed a strong understanding of embedded systems principles
- Acquired practical knowledge of industry-standard tools and methodologies used in Python and embedded systems development

PROJECTS:

CICD Pipeline for Java Application to deploy on Kubernetes Cluster Using Jenkins
- integration of Jenkins & sonarqube for static code analysis
- Containerized app using Docker for consistent deployments
- Orchestrated deployments on Kubernetes, managing YAML manifests
- Deploying the application on the k8s cluster using the helm chart
- Configuring the mail server and enabling the pull request trigger

DevSecOps CI/CD Pipeline for React.js Application
- Designed and configured Jenkins pipelines for automated building, testing, and deployment of the React.js application.
- Integrated SonarQube into the pipeline to perform static code analysis
- Utilized OWASP Dependency Check to identify and address known vulnerabilities in project dependencies.
- Implemented Trivy for container image scanning to detect and remediate vulnerabilities in Docker images before deployment.
- Orchestrated deployment of the application on Kubernetes clusters, managing containerized workloads and configurations using Kubernetes manifests and Helm charts.

Containerized the Java Application and deployed it on the Kubernetes cluster
- Developed an optimized Dockerfile for the Java application, ensuring a lightweight and efficient container.
- Integrated Docker images with Docker Hub, enabling seamless version control and accessibility
- Created Kubernetes Deployment YAML files, orchestrating deployment and scaling on the cluster

TECHNICAL SKILLS:

Cloud Platform: AWS (EC2, S3, ELB, ASG, VPC, CloudWatch, IAM, Elastic Beanstalk, SNS, EBS, Lambda)
Operating System: Linux and Windows.
Scripting: Bash
CI/CD Pipeline: Jenkins
Version Control System: GIT.
Source Code Management: GitHub and GitLab.
Containerization: Docker
Orchestration Tool: Kubernetes
Build Tool: Maven
IAC Tool: Terraform
Configuration Management: Ansible
Monitoring: Prometheus, Grafana
Programming Language: Python, Java Basics
Methodology: DevOps.
DevOps Tools: Git, GitHub, Maven, CI/CD, Jenkins, Nexus, Trivy, Owasp dependency check, Ansible, YAML, JSON, Docker, Kubernetes, Terraform, Argocd, Helm, Prometheus

AWS & DEVOPS TRAINING:

FULL STACK ACADEMY HYDERABAD   May 2023 – September 203

Education:

Jawaharlal Nehru Technological University Hyderabad   July 2018 – September 2022
Bachelor of Technology
Electronics Communication Engineering (ECE)

PERSONAL PROFILE:

Name:	Tawfeeq Ahmed
Gender:	Male
Date of Birth:	15/05/2001
Nationality:	Indian
Permanent address:	17-160 Yankampet Utkoor, Telangana.
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