

SHAIK GOUSE

Mobile: 985979664

Email:gouseshaik979664@gmail.com

PROFILE SUMMARY:

Having 2 years of **Devops/DevSecOps/AWS** experience in IT Infrastructure and Hosting based 24X7 support environments. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

KEY ROLES PLAYED:

- Application deployment automation to **Docker** Containers and containers scaling orchestration system **Kubernetes**.
- Defined and implemented **Continuous Integration (CI)** and **Continuous Delivery (CD)** Automation for microservice, monolithic applications using the tools **JENKINS**.
- Infrastructure automation using Terraform.
- Configured vulnerability assessment tools and thread protection tools for various services for implementing **DevSecOps**

PROFESSIONAL SKILL SUMMARY:

- Having 2 years of experience in the IT Industry as a **Linux & DevOps Engineer**.
- **Dev, QA, UAT and Production** environments setup on different cloud accounts of **AWS**.
- Terraform for Infrastructure automation on cloud **AWS**.
- Hands-on using the **Terraform** and used **modules** for re-usability.
- Experienced using the Container orchestration management using **Kubernetes**, image repository **setup**
- Automated the CI automation setup using **Jenkins**. Created the pipeline scripts to automate the **CI/CD** process setup.
- Hands-on with **Kubernetes** container deployment automation and service setup.Hands on experience in **dynamic** provisioning in storage management.
- Hands on experience in application upgrades using different deployment strategies like **Rolling update, Recreate, Canary and Blue/Green** deployments.
- Build automation for Java stack using **maven**. Configured the **nexus** system to manage dependencies across different teams.
- Written **shell scripts** to manage deployments to different environments.
- Installed and Configured **SonarQube** for static code analysis and integrated with CI process.
- Source code repository Management using **GIT**.
- Defined the **branching and merging** strategies for **Sequential** and **parallel** releases in the agile release model.
- Used Issue tracking system for **Pull requests** for code merge requests, build requests to different environments.

- Daily Support for automated Database deployments, database backup and restore, and troubleshooting the issues related to the **database**.
- Defined the workflows in **Jira** for our sprint releases and integrated them with the **Jenkins** system.
- Worked and Supported Deployments into multiple Application Servers like **Tomcat**.
- Administering and monitoring the **Linux servers** in the **AWS** environment.
- IAC using terraform configured VPC ELB S3 EC2. Also has hands on experience in using work-spaces for different environments ,state-file management and locking using backend as **S3** and **Dynamo-db** to avoid conflicts while creating the resources.
- Configured Production grade database created **standby for minimizing downtime during failure and read replicas** minimizing load on Primary database.Also configured snapshots and automated backups for data redundancy.
- Attending meeting with the team and suggesting best method of approach of that can implemented in software delivery.
- **Trouble shooting** various errors with the production support team and maintenance of application and following best notification methods with specific teams.
- Implemented Security using **vulnerability assessment tools** and **thread protection tools** at instance level,application level,project level,Container level, VPC level and EKS cluster level. Hands on experience in running periodical scans and checking the malicious things at VPC level using AWS Guard duty.Using docker optimization method in reducing the threats to the running containers. Using self managed services like EKS for flexible work.
- Fixing issues using centralized logging systems like kibana or **EFK** stack in kubernetes using metrics server.
- Executed **RBAC** in EKS at name-space and cluster level for securing access to specific objects to specific users.
- Monitoring the servers using cloud watch, **Prometheus** and **Grafana**. Designed dashboards to view status of Pods and Nodes.Configured **liveness** , Readiness and startup probes.

EDUCATION:

- SSC in zp high school Chintalapui with 73.33% in 2013
- Intermediate in pbn College with 68.8% in 2015
- Bachelor of Technology from JNTUK in April 2019.

SKILL SUMMARY:

- | | | |
|---------------------------------|---|--------------------|
| • Operating systems | : | Linux and Windows. |
| • Scripting Languages | : | Shell Scripting |
| • Infrastructure automation | : | Terraform |
| • Configuration Management Tool | : | Ansible |
| • Cloud | : | AWS |
| • Application Servers | : | Tomcat |
| • Web Servers | : | Apache |
| • CI Tools | : | Jenkins |
| • Databases | : | RDS and DynamoDB |
| • SCM Tools | : | GIT,GitHub |
| • Package Management Tool | : | Helm |
| • Build Tools | : | Maven NPM Flutter |

- Artifact Management : Nexus
- Development Methodologies : Agile
- Ticketing tool : Jira
- Container technology : Docker & Kubernetes
- Security, Vulnerability Assessment Tools : OWASP (DAST), SonarQube (SAST)
- Security-Container Level : Trivy, Docker Scout
- Thread Protection Tools : Guard Duty(Regional), Inspector (EC2)
- Application Level Security : Web Application Firewall
- Monitoring Tools : Prometheus and Grafana, Cloudwatch
- Logging Tools : Cloud Trail, Elastic Search, Fluentd, Kibana
- Collaboration Tools : Slack SNS SMTP(Email Integration)

EXPERIENCE SUMMARY:

Project

Company: WIPRO LIMITED

Duration: JULY 2023 - PRESENT

Domain: Insurance

Role: Junior DevOps Engineer

Contributions:

- Collaborated cross-functionally to implement DevOps practices and optimize deployment processes.
- Automated CICD build and deployment pipelines using Jenkins for faster, reliable releases.
- Enhanced security using AWS IAM and Security Groups.
- Contributed to backups
- Assisted in troubleshooting incidents and minimizing disruptions.
- Created comprehensive documentation for infrastructure and best practices and provided 24/7 on-call support for high availability.
Defined the approval process for higher-level environments UAT and PROD through the Library Control System.
- Responsible for Code audit approvals SIT to UAT, UAT to PROD as a library control team.
- Worked on **Kubernetes** cluster setup for Dev and test environments (UAT and SIT) in an AWS account.
- Created the services on top of the Kubernetes cluster and each task definition are associated with the service..
- Monitoring and troubleshooting the containers specific issues across the environments.
- Deployed the **Docker container** images to the **Kubernetes** cluster and automated the deployment and used different strategies like Rolling Updates , Recreate, Canary and Blue-green deployments in application upgrades.
- Configure jobs and pipelines using **Jenkins** file troubleshoot problems arising from Build failures and Test failures.
- Upgrading **Jenkins** and deploying Tomcat on the existing applications.
- Experience installing, configuring, and upgrading **Tomcat** application server.

- Used **Maven** as a build tool on java projects for the development of build artifacts on the source code and establishing standards to build artifact management and build configuration. Documentation of change management and best practices.

I hereby declare that the above given information is true to the best of my knowledge.