Syed Mohammad Rasool

DevOps Engineer

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01 PROFILE

Experienced DevOps Engineer with **3** years in CICD, Linux, Cloud, Observability, Security, Scripting And infrastructure As Code (IAC).

Experience Highlights:

- Reduced new service delivery timeline from 1 month to 1 day by developing org-wide reusable libraries for pipelines and helm charts for the services.

- Increased the developer's velocity by 30% with various measures, such as simplified local deployment, light weight short lived apps on each pull requests, on demand-runners, This enabled faster development of features.

- With minimal Downtime, migrated applications with cross regions along with cross accounts resulting at 30% infra savings. Increased applications Performance in better way and other compliance requirements.

- Administered and maintained Linux-based servers to ensure high availability and optimal performance across production and development environments.

- Performed DR's Quarterly Once To ensure that scalability and performance are Consistent.

- Worked on monolithic applications converted into micro services and deployed the applications into clusters using container orchestration.

- Experience on Installing and configuring various alerting and monitoring for better observability based on tools like Prometheus, and Grafana etc.

- Excellent communicative, interpersonal, analysis and leadership skills with ability to work efficiently in both independent and team work Environments

- Ability to work under stressful situations meets tight deadlines and delivers services with high quality.

02 EMPLOYMENT HISTORY

05/2022 — TILL DATE

DevOps Engineer at APPLITECH SOLUTION PVT LTD
Bengaluru

- DevOps Practices Cloud, CICD, Observability, IAC
- Tools Used: AWS, Docker, Kubernetes, Jenkins, Linux, Datadog, Prometheus, Gitlab, Grafana, Nexus, Jfrog etc.

- Developed a DevOps strategy that increased the speed and reliability of application deployment.
- Developed a DevOps pipeline that allowed for rapid deployments with minimal downtime.
- Role: DevOps Engineer
- Team-Size: 10

Projects:

Org Wide Monitoring Solution:

- Created and deployed alerting and monitoring solution for huge monolithic applications.
- Used Prometheus Node Exporter for generating metrics for the application and infrastructure availability.
- Created thresholds using alert manger and integrated Slack and OpsGenie to push the alerts.
- Created Grafana Dashboards for various applications and monitored real-time and historical metrics.
- Implemented Synthetic Monitoring, APM, RUM, Logging, Alerts, Incident Managements, and Workflow Automation etc. on projects using Grafana.

CI/CD on P&M-UI Project:

- Implemented built CI/CD for tech stack on nodes and python.
- Used Jenkins file (pipeline as code) for Continuous Integrations (CI) and Argocd (CD).
- Branching, Tagging, Release Activities on Version Control tools like GitHub.
- Created additional Docker, Slave nodes for Jenkins using custom Docker, and images and pulled them to ECR. Worked on all Major Components like Daemon, Hub, Images, and Registry.
- Setup Terraform Cloud and Used Vault for purpose for storing secrets.

Maintenance and Support:

- Handles On-Call, Incidents Outages and Post-mortems.
- Used Cloud Watch, Prometheus, and ELK etc., to troubleshoot things as necessary.
- Implemented DevOps strategy that improved System reliability and reduced time-to-time market.

CI/CD setup on Applitech Client:

- Having 2+ years Knowledge and experience on Jenkins Using Pipeline Script, PowerShell script for pushing the code and building Docker image and deploying to Kubernetes Cluster.
- Configured and maintained Jenkins to implement the CI process and. integrated the tool with MAVEN to schedule the builds.
- Configured security and system in JENKINS added multiple nodes to JENKINS and configured SSH for continuous deployments.
- Responsible for resolve and build issues.
- Installing Jenkins configuring some PowerShell scripts For Building Schemas and Procedures from TFS.
- Used Python Scripts to be automated send notifications to Google Chat (hangout) Groups Whenever necessary deployments happens.
- Enabling SSH for Putty Access.
- Using Jenkins, Built and Enabled PowerShell, Pipelines automated Scripts for Deploying to applications in daily, weekly use cases.
- Maintained appoffline Page whenever there is less downtime while deploying the code to Windows, Ubuntu Servers using Barracuda, PowerShell Script.
- Created Deployments for multiple micro services where it pushing it to Nexus Artifactory.
- Responsible for performing tasks like Branching, Tagging, and Release activities on version control tools like GIT.

- Knowledge with container-based deployments using Docker, Docker images, Dockers file, Dockers hub.
- Configuring Amazon cloud watch for monitoring.
- Maintaining and deploying applications using manifest files as a Kubernetes pods
- Used ansible playbook to deploy applications to multiple serve Knowledge on Amazon Web Services (AWS) services like EC2, VPC, and Security Groups.

Remote Connections, Maintenances and Support:

- Troubleshooting the remote connection when developer facing (500, 502 etc.) errors Applications Support to all clients through remote tools (Any Desk, Team Viewer etc.)
- Planning, designing and implementing IT Infrastructure as per client Interest.
- Responsible for supporting 24/7 in production and non-production environments.
- Trouble shooting the system and end user issues.
- Documenting solutions for any issues that have not been discovered previously.
- Successful delivery of projects end-to-end.
- Maintain standards document, standard build implementation plans.

03 EDUCATION

Jun 2017 – Apr 2022

JNTUA

B.Tech **SV College Of Engineering Kadapa**

04 SKILLS

Skill	Rating		Skill	Rating
AWS	●●●●○		Database	●●●○○
Linux	●●●●○		Ansible	●●●○○
Jenkins	●●●●●		GitLab	●●●●○
Terraform	●●●●○		Pipeline	●●●●●
Kubernetes	●●●●○		GitHub	●●●●●
Docker	●●●●○		PowerShell	●● ●○
GitHub	●●●●○		Shell	●●●●○
Python	●●●○○			

05 LANGUAGES

Hindi ●●●●○   English ●●●●○