Amzad khan

DevOps Engineer

Address
Bengaluru India
pathanamzad748@gmail.com

Phone
7569470407

Email

01 PROFILE

Experienced DevOps Engineer **3** years in CICD, 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 developers velocity by 30% with various measures, such as simplified local deployment, light weight short lived apps on each pull requests, ondemand-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 requriements

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

- Experience on Installing and configuring various alerting and monitoting for better observability based on tools like Data Dog, New Relic 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

02/2022 — 07/2024

DevOps Engineer at Caterpillar Inc
Chennai

- *DevOps Practices Cloud, CICD, Observability, IAC*
- *Tools Used: AWS, Docker, Kubernetes, Jenkins, Datadog, Prometheus, Gitlab, Grafana, Nexus,harbor 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 (Consultant)*
- *Team-Size: 10*

<u>**Projects:**</u>

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.
- Used Monitoring Automation with Datadog + OpsGenie for alerting, Integrations etc.

- Created Datadog Dashoboards for various applications and monitored real-time and historical metrics.
- Implemented Synthetic Monitoring, APM, RUM, Logging, Alerts, Incident Managements, Workflow Automation etc. on projects using DataDog.

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, Slavenodes for jenkins using custom docker, 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.

Maitanence and Support:

- Handles On-Call, Incidents Outages and Postmortems.
- Used OpsGenie, New Relic, Datadog, Cloudwatch, Prometheus, ELK etc., to troubleshoot things as necessary
- Implemented DevOps strategy that improved System reliability and reduced time-to-time market.

08/2021 — 01/2022   **DevOps Engineer at Wipro Technology Solutions Pvt Ltd**   *Chennai*

- *DevOps Pratices: Container Orchestration, Infrastructure as code, CI/CD and monitoring*
- *Tools: Jenkins, Docker, Kubernetes, AWS, Git Bash, BitBucket, etc.,*
- *Programming Languages: Bash, Powershell and Pipeline Scripts*
- *Operating Systems: Ubuntu, CentOS, Windows*
- *Role: Software Engineer Trainee*

CI/CD setup on Caterpillar 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, Dockerimages, 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 servers
- Knowledge on Amazon Web Services (AWS) services like EC2, VPC, and Security Groups.

Remote Connections, Maintanence 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.
- Responsible for reviewing all open tickets, resolve and close any existing tickets.
- 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

| June 2017 — Aug 2021 | **JNTUA** | *Kadapa* |
| | B.Tech | |

04 SKILLS

AWS	● ● ● ● ○	Databases	● ● ● ○ ○
Linux	● ● ● ● ○	Ansible	● ● ● ○ ○
Jenkins	● ● ● ● ●	Docker	● ● ● ● ○
Terraform	● ● ● ● ○	Gitlab	● ● ● ● ●
Kubernetes	● ● ● ● ○	Git hub	● ● ● ● ●
Observability	● ● ● ● ○	Pipeline	● ● ● ● ○
Shell Script	● ● ● ● ○	Powershell	● ● ● ● ○
Python	● ● ● ○ ○		

05 LANGUAGES

| Telugu | ● ● ● ● ○ | English | ● ● ● ● ○ |
| | | Hindi | ● ● ● ● ● |

07 HOBBIES

Volleyball, Movies, listening music