

A Nagarjuna

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DevOps Skills:

- Having **5.2+** years of experience as a **DevOps/SRE Engineer** in web as well as stand-alone applications.
- Having Good experience on cloud services **AWS**.
- Strong work experience in **Linux/UNIX, Windows** environment.
- Experience in DevOps practices and good understand of **development, automation** and **operations** to ensure quick delivery of projects to the clients.
- Strong experience in version control tools like **GIT** and **GitHub**.
- Good hands-on experience in creating **Tagging, Branching** and **Merging** with **GIT**.
- Proficient writing automation scripts using build tools such as **Ant & Maven**.
- Configured **end-to-end** delivery pipeline using **Git** version control system, **Maven**, **CI** tool **Jenkins** and **Tomcat server**.
- Configured Continuous Integration (**CI**) tools Jenkins from scratch and managed **Jenkins** Plugins, created slave nodes, created build and deployment jobs.
- Good Experience on **RPM** and **YUM** package installations.
- Have experience on Configuration Management tool **Ansible** for deployments to QA environments.
- Having Good Experience on Infrastructure management tool **Terraform**.
- Exposure to the deployment automation on both windows and Linux environment.
- Having good knowledge on **Docker** containerization tool.
- Having good knowledge implementing **AWS Cloud platform** and its **services**.
- Managed Amazon Web Services like **EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, EKS and Cloud Front**.
- Expertise in applications deployment on Web and App Servers like **Apache Tomcat** and Web Logic application server.
- Having good Experience on **Kubernetes** deployments.
- Preparing and executing Release and Implementation plans for the product releases as per the release calendar.
- Coordinate, facilitate and communicate with agile teams to setup deployment or release plans.

- Work with **Release Management, Development** and **QA** teams to consistently improve the delivery processes using DevOps best practices.
- Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
- Good Experience on scripting languages are **Bash, Python** and manipulating scripts according to the requirements.
- Worked with **Docker** and created multiple containers and images.
- Sound understanding, administration and implementation of Monitoring/Alerting tools and process flow (**Grafana, Prometheus, Nagios, Cloud watch and ELK**).
- Creating and maintaining documentation for **system architecture and processes**.
- Participating in on-call rotations and responding to system alerts promptly.
- Evaluating new technologies and tools to improve **system reliability and efficiency**.
- Involved in Production releases and 24/7 on call support.

EDUCATION QUALIFICATION

- B.Tech in **Mechanical Engineering** from university of JNTU Kakinada(2017).

WORK EXPERIENCE

- worked for **GENSOL INFOTECH PVT LTD** as a **DevOps Engineer** from **March 2023** to **Till now**.
- Worked for **EXALT INTEGRAL SOLUTIONS PVT LTD** as a **DevOps/SRE Engineer** from **July 2019** to **Dec 2022**.

TECHNICAL SKILLS

- | | |
|----------------------------------|-------------------------------------|
| ➤ Operating systems | : Windows & Linux |
| ➤ Scripting Languages | : Bash & Python |
| ➤ Configuration Management Tool | : Ansible |
| ➤ Infrastructure management tool | : Terraform . |
| ➤ Cloud Service | : AWS |
| ➤ Application Servers | : Apache Tomcat, Apache HTTP |
| ➤ CI Tools | : Jenkins, Gitlab |
| ➤ SCM Tools | : GIT, GitHub |
| ➤ Build Tools | : Ant/ Maven |
| ➤ Artifact Management | : JFrog & Nexus |
| ➤ Code Coverage | : SonarQube |
| ➤ Development Methodologies | : Agile |
| ➤ Bug tracking tool | : JIRA |

- Monitoring tool : **Grafana, Prometheus, Cloud Watch & ELK**
- Container technology : **Docker and Kubernetes**

PROJECT EXPERIENCE

Project: 2

Client Name : **Mphasis**

Project : **V Tans India limited**

Role : Devops Engineer

Environment : GIT, Maven, Jenkins, Ansible, Sonar, Nexus, Docker, AWS, Kubernetes, Python

Responsibilities:

- Built up CI/CD pipeline using Git, Ant, Maven, Jenkins for JAVA and Middleware applications.
- Creating new jobs in Jenkins and managing the build related issues.
- Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and **AWScode deployment** for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
- Coordinating with the Development team to fix the Build related issues.
- Creating various CI/CD pipelines by integrating source control tools GIT, GitHub, Build tools like Maven, CI tool like Jenkins and Deployment automation tool like Ansible.
- Worked on Multiple **AWS** instances, set the **security groups, Elastic Load Balancer** and **AMIs, Autoscaling** to design cost effective, fault tolerant and highly available systems.
- Experience in implementing the **Docker** for wrapping up the final code and setting up development and testing environment using **Docker Hub**, and **Docker Container Network**.
- Writing **Ansible Playbooks** to perform builds and deployment management.
- Automate Continuous **Build** and **Deploy Scripts** for **Jenkins** Continuous Integration tool.
- Provide stable build environments for product development.

- Involved in **Kubernetes** deployments and debugging issues when pod crashes and writing helm charts.
- Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
- Experience with container based deployments using **Docker**, working with **Docker** images, **Docker Hub** and **Docker registries**.
- Creating new Build jobs, Integration testing jobs and deploy jobs in Jenkins to automate the process.

Project 1:

Client Name : Mercedes Benz Research and Development India (MBRDI)
Project Name : Trivadis AG
Role : DevOps/SRE Engineer
Environment : GIT, Jenkins, Maven, Terraform, Ansible, Tomcat, Bash, AWS , Kubernetes
Duration : August 2019 to Dec 2022

Description:

Trivadis AG provides IT consultancy, system integration, solution engineering, and IT services. The company focuses on Microsoft and Oracle technologies in the German-speaking countries (Germany, Austria, and Switzerland). Its consulting services include application development, business intelligence, business integration, business service management, customer relation management, infrastructure engineering and Microsoft Share Point services.

Responsibilities:

- Monitoring and troubleshooting Linux Servers and applications 24/7.
- Monitor the health and performance of systems and services, and proactively identify and address potential issues before they impact users.
- Implement best practices for monitoring, alerting, and logging to ensure visibility into system performance and reliability.
- Good Understanding of Linux BOOT PROCESS.
- Creating CI/CD pipelines by integrating **Git**, **GitHub**, **Maven**, **Jenkins**, and **Ansible**.
- Monitoring system performance issues like Memory, CPU, and Disk utilization.
- Installing and administering the packages using with RPM and YUM tools.

- Designing, implementing, and maintaining highly available and **scalable infrastructure**.
- Automating deployment, monitoring, and **incident response** processes.
- Collaborating with development teams to improve **system reliability and performance**.
- Implementing new projects builds framework using **Jenkins & Maven** as build framework tools.
- Developed automation framework for Application Deployments to the cloud environments.
- Managed and optimize the **CI (Continuous Integration)** tools like **Jenkins**.
- Install, Configure, Administer **Jenkins** Continuous Integration Tool.
- Automate Continuous **Build Jenkins** Continuous Integration tool.
- Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
- Develop Custom Scripts to monitor repositories, Server storage.

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: Bangalore

A. Nagarjuna