

# **NALLALA H N V KANAKA SAI ANIRUDH**

## **DevOps Engineer**

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### **Objective:**

Design and Implement DevOps practices at a large scale using open source tools to achieve faster application deployment cycles and to achieve high up-time of applications using a stabilized and self-healing infrastructure

### **Profile Summary:**

- Having 2+ years of relevant experience working in the DevOps area, working with various CI/CD implementations involving different phases from code compilation to deployment, Environment management, and maintenance.
- Hands-on experience in Working on AWS cloud services **IAM, VPC, EC2, S3, Elastic Block Storage, Elastic Load Balancer, and Elastic Bean Stack.**
- Having Knowledge of AWS cloud services like **lambda, CloudWatch, Route 53, and Simple NotificationService.**
- Proficient in manual testing, including test case design, execution, defect tracking, and reporting.
- Solid experience with Linux (Ubuntu and CentOS) operating systems.
- Hand-on experience on Infrastructure as a code (IAAC) Terraform.
- Worked on a CI/CD Jenkins for automating the entire application deployment life cycle process.
- Good Knowledge of creating users and restricting permissions to the jobs and giving access to the respective jobs by customizing the permissions in Jenkins.
- Good Knowledge of storing artifacts in S3 buckets by enabling versioning and Enabling S3 Bucket Cross Region Replication
- Good Knowledge of Docker like managing containers, and images, and establishing the communication between the containers.
- Good Knowledge of configuration management tool Ansible.
- Good Knowledge of core concepts in Ansible such as setup, Ad-hoc commands, Playbooks, and handlers.
- Good Knowledge of web server Apache2, IIS, and Databases like RDS.
- Good Knowledge in installing and configuring K8S master and K8S nodes and established communication between them.
- Well aware of the advantages, architecture, and complete workflow of Kubernetes.

### **Education:**

- Completed Bachelor of Technology (Computer science) in Raghu Institute of Technology from June 2017 – August 2021 with 7.07 CGPA

### **Professional Experience:**

Worked as DevOps Engineer in Wipro Technology, Chennai (Oct 2021-Feb 2024)

## **Technical Expertise:**

**AWS cloud, Git, SonarQube, Maven, Jenkins, Ansible, Nexus, Tomcat, Kubernets, Argocd, Prometheus, Grafana, Manual Testing.**

## **Project Details:**

### **PDBRestApi**

PDB (Implemented as API endpoints)

**Role:** DevOps Engineer

PDB API is a REST API repository for configurations and schemas of customers. Users can easily access the configurations & schemas using Swagger UI and curl commands.

### **Responsibilities:**

- Implementing the user requirements in Java.
- Using Docker and containers for building and running the images.
- Used Kubernetes for deploying the containers into the production and testing server.
- Configured the Jenkins job for monitoring the server.

**Technologies: Docker, Kubernetes, Helm, Java (J2EE)**

**Tools:** Gerrit, Eclipse, Citrix machines, Jira

## **Strengths:**

- Team Player
- Adaptability
- Flexible
- Communication Skills

## **Declaration:**

I hereby declare that the information furnished above is true up to my knowledge and I bear the responsibility for the correctness of the above mention particulars.

Place: Visakhapatnam

Anirudh Nallala