**HRUDAY KOLIPAKA**

**DevOps Engineer**

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## Objective:

To leverage my 2 years of hands-on experience as a DevOps engineer to enhance efficiency and collaboration within IT operations. Seeking a dynamic role where I can apply my skills in automation, continuous integration, and deployment to streamline processes and contribute to the success of cross-functional teams

## 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 Beanstalk, AutoScalingGroups, SNS.
* Solid experience with Linux (Amazon Linux, Ubuntu and CentOs) operating systems.
* Worked on a CI/CD Jenkins for automating the entire application deployment life cycle process.
* Good Knowledge of Monitoring tools Nagios,Promotheus, Grafana.
* 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, images, volumes 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, Nginx 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.

**Professional Experience:**

Working as DevOpsEngineer in Cyient**,** Hyderabad (Nov 2021-Oct 2023)

**Technical Expertise:**

**Client: Frontier**

**Technical skills**:.

* Operating systems : Linux and Windows
* SCM Tool : GIT
* CI/CD Tools : Jenkins
* Build Tools : Maven
* Test Tool : Nagios, Prometheus, Grafana
* Artifactory Tool : Nexus
* Web server : Apache Tomcat
* Containerization Tool : Docker
* Orchestration Tool : Kubernetes
* Infrastructure as a Code: Terraform
* Cloud Service : AWS (VPC, EC2, EBS, ELB, Route53, IAM, S3, Cloud watch)

**Roles & Responsibilities:**

* Checking Jira for any pending or scheduled Tasks and Alerts.
* Deploying end product in tomcat web application server and other application servers before production.
* Checking and automating if the Servers are running out of disk.
* Monitoring of all the Services running on the servers.
* Integrated many tools with Jenkins like Git, Maven, Nexus, Ansible, Sonar and Tomcat.
* Worked on Jenkins by installing, configuring, and maintaining continuous integration (CI) and End-to-End automation for all builds and deployments
* Configured many scheduled projects so that they can run frequently without the manual trigger.
* In case of any new project setup, creation of new jobs in Jenkins.
* Configuring pre and post-build actions in Jenkins as per project requirements
* Involved in deploying artifacts like JAR, and WAR, into application servers Apache Tomcat and Nexus.
* Taking backups of Instances and taking backups of Production Databases and Providing them to Developers on Staging/ Testing Environments for testing of any issues
* Pulling the Artifacts from the Nexus and Deploying them to the Tomcat server.
* Ensuring that post Deployments sanity of code is done and correct signoffs are given.
* Seeking the Approval from Business/QA/UAT and Security Sign Offs
* Creating servers, AMIs, and storage blocks in S3 taking snapshots, VPCs, subnets, load balancing, and Auto-scaling in AWS.
* Administering users, groups, and roles & setting up policies by using IAMand also Creation of VPCs, S3 buckets, and Ec2 Instances automating them through Terraform.
* Manage & configure AWS services as per business needs (ELB, EC2, S3, IAM VPC).

**Education:**

Bachelor of Technology in Mechanical Engineering – JNTUH University (2016-2020)

**Accomplishments:**

* Achieved 2 Cyient badges on DataStage
* Achieved 2 IBM badges (Cloud Core & Docker Essentials )

**Strengths:**

* Team Player
* Adaptability
* Flexible
* Communication Skills

**Personal Details:**

Date of Birth **:** 25/06/1999

Gender : Male

Father Name : Kotilingam

Marital Status : Single

Language : Telugu, English.

Address : 1-40,Warangal,506331

**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: Hyderabad Name Hruday Kolipaka