**K Sunil Mail id : sunilkuruva052@gmail.com**

**DevOps Engineer Mobile No: +91-7207202066**

***Professional Summary***

I am looking a challenging position in an esteemed organization where my past experience, technical and analytical skills are utilized for continuous growth and advancement of the company. I am a person with positive attitude, have sincerity towards my work and ability to perform under pressure.

***Work Experience Details:***

Working as a **DevOps Engineer** in **Optus infotech private limited** from Mar 2020 to till date.

***Expertise:***

* **Having 3 years** of experience in **DevOps/Cloud Engineer** experience to understands the melding of operations and development to quickly deliver code to customers. Promotes cloud platform and automation approaches to real-time infrastructure, application deployment and monitoring processes.
* Having technical experience in **Linux OS.**
* Hands on experience with version control tool **GIT and GITHUB.**
* Worked with **Docker** for convenient environment setup for development and testing.
* Worked on **Docker container snapshots, attaching to a running container, removing images, managing directory structures and managing containers**.
* Knowledge in managing multiple corporate applications into **GitHub** code management repositories and **creating user level of access for related GitHub** project directories to the code changes.
* Skilled in various Bug tracking tools like **JIRA** and Remedy.
* Setup and build AWS infrastructure using various resources, **VPC, EC2, S3, IAM, EBS, SecurityGroup, Auto Scaling, SES, SNS,RDS and Route53.**
* Worked on **AWS** for deploying **EC2** instances consisting of various flavors viz., Oracle Linux, RHEL, CentOS, Ubuntu.
* Launched all three kinds of load balancers and attached to webservers to distribute traffic as well as to check the health of EC2 instances to make sure that they are always up and running.
* Involved in **DevOps migration/automation processes** for build and deploy systems.
* Setting up a continuous build environment to speed up software development and deployment process.
* Supported the code builds by integrating with a **continuous integration** tool (Jenkins).
* Configured and maintained codebase to support the build and deployment of code on servers.
* Design and build solutions that move data from internal solutions to cloud-based solutions.
* Analyzing, executing, and streamlining **DevOps** practices.
* Facilitating development, Testing process and operations.
* Automating processes with the right tools.
* Establishing a suitable DevOps channel across the organization.
* Provided on-call support for production issues.
* Implemented the Build automation process for all the assigned projects in Vertical Apps domain.
* Monitor the UAT/Production Environments for any down time issues by **performing regular Cron job** updates in servers.

***Technical Tools:***

**OperatingSystems : Linux (RedHat, CentOS,Ubuntu)**

**VersionControlTool : Git,GitHub**

**CICDTool : Jenkins**

**CloudServices : Amazon Web Services, GKE**

**TicketingTool : Jira, ServiceNow**

**Configuration Management tools: Ansible**

**Containerisation Tools :Docker**

**Scripting Languages :Yaml**

***Project1:***

* Set up end-to-end automation with **CI/CD** to build and deploy the application very secure, stable and

effectively.

* Good working knowledge in **CI &amp; CD and building a pipeline using Jenkins.**
* Have hands-on knowledge with **Ansible and writing Playbooks**.
* Managed **Ansible Playbooks** with **Ansible** modules, implemented **CD automation** using **Ansible**, managing existing servers and automation of build/configuration of new servers.
* Excellent working knowledge on virtual system like **Docker**.
* Experience in configuring and updating the servers using configuration management tools like Ansible,

and Experience in **Containerization tool like Docker**.

* Good knowledge in **Auto-scaling and load balancing** concepts.
* Used docker port mapping to expose port to outside of **docker container** to access website which is running inside **docker container.**
* Experience in branching, tagging and maintaining the version across the environments working on

Software Configuration Management **GIT**.

* Migrated monolithic applications to **Kubernetes**
* Handling the production issues reported by the business users and provides the appropriate solutions.
* Have experience of working in Production, UAT and DEV environments.
* Proactively monitoring the environment and doing migrations between the Environments.
* Experience in Orchestration tool like **Kubernetes**.
* Manage the configurations of **multiple servers using Ansible.**
* Integrated the **Ansible playbooks with Jenkins.**
* Having good exposure in **Jenkins for CI** (Continuous Integration).
* Administered version control system that included **branching and merging.**
* Experience in Build Dockers images such as **Dockers files**.
* Having good knowledge on support with quick response and resolving the issue in minimal time frame.
* Investigated to provide resolution through workaround for application issues.
* Involved in **DevOps migration**/automation processes for build and deploy systems.
* Implemented the Build automation process for all the assigned projects in Vertical Apps domain.
* Monitor the UAT/Production Environments for any down time issues by performing regular **Cron job**

updates in servers.

* Supported the code builds by integrating with **continuous integration tool (Jenkins).**
* Responsible for creating Builds and Deployments Planes.
* Perform Build activities using **Maven and Jenkins tool**.
* Automate the build Process Using **Jenkins** jobs.
* Good knowledge in each and every component of **Kubernetes.**
* Knowledge in K8S node components like Kube-proxy, kubelet and container engine.
* Good understanding of single container pod as well as multi container pods.
* Hands on experience in working with **cloud watch** to monitor all AWS services to maintain high availability and reduce downtime.

***Project 2:***

* Focused on Integrated and designed infrastructure and platform of large financial domain product to **AWS Cloud.**
* Complete hands on experience on dealing with git branching, merging branches, switching branches and resolve merge conflicts.
* Worked with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI/CD)** to deploying either on public or private cloud.
* Good knowledge in pulling and pushing **docker images** from and to **docker hub.**
* Supported the code builds by integrating with continuous integration tool (**Jenkins**).
* Design, manage and execute tools and scripts to develop different versions of products on wide-range operating systems.
* Setup and build **AWS** infrastructure various resources, **VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS**
* Administered and Engineered **Jenkins** for managing Builds Test and Deploy chain as a **CI/CD** for next Gen Applications.
* Build and Release software baselines, code merges, branch and label creation in Subversion and **GIT,** worked on migration from Subversion to **Git** .
* Developed **Docker** files to create customized docker images as per applications requirement.
* Virtualized the **servers using Docker** for the test environments and dev-environments needs and configuring automation using Docker containers.
* Performed all day-to-day **GIT** support for automation code and configuration.
* As a team member implement/Release the changes to different environments.
* Responsible for environment setup for testing purposes.
* Developed **MAVEN** scripts to build the projects and Migrated **ANT to MAVEN** Projects.
* Good understanding of maven's main configuration file **POM.XML**
* Automations to new requirements in the build and deployments.
* Good knowledge in dealing with inventory file and host patterns in adding hosts to inventory file and calling hosts.
* Troubleshooting the issues while building and deployment and also in the environments.
* Deep knowledge of software deployment, versioning and release management processes.
* Build servers using **AWS**, importing volumes, launching **EC2, RDS,** creating security groups, auto- scaling, load balancers (ELBs) in the defined virtual private connection.
* Created different network policies for different environments like dev,load,verify and production.
* Worked on different teams to implement new Applications on cloud and work on migrations, Planning and execution.

***Education Details:***

B.SC (Computers) had been completed from RAYALASEEMA University, Kurnool.

**Declaration:**  Place: (Kuruva Sunil)

Hyderbad (SIGNATURE)