SIVA RAM
Senior DevOps Engineer
sivaram.devops459@gmail.com
Ph: +91-9346451199

Career Objective:

Be the key person in creative environment to utilize and refine my personal skills and abilities in the modern technology that offers Professional growth while being resourceful, innovative and challengeable.

Professional Summary:

- Having total of 7+ years of experience in IT field.

- Working as **Senior DevOps Engineer** at Nityo Infotech Services Pvt.Ltd. from February 2022 to till date

- Worked as **AWS DevOps Engineer** at Calvin Technologies Private Limited from October 2017 to February 2022

- Worked as a **DevOps Engineer** in Indigen Technologies Pvt Ltd from September 2014 to September 2017

Education:

- B. Tech from Jawaharlal Nehru Technological University

Technical Skills:

Version Control Tools	:	**GIT**
Containerization Tool	:	**Docker**
Continuous Integration Tool	:	**Jenkins, CI/CD automation**
Authorization	:	**Kubernetes**
Configuration Management Tool	:	**Ansible**
Artifactory Server	:	**Nexus**
Web Server	:	**Apache Tomcat**
Operating Systems	:	**Windows, Linux**
Monitoring Tools	:	**New Relic**
Code Coverage Tool	:	**SonarQube**
Ticketing Tool	:	**JIRA**
Cloud Environments	:	**AWS EC2, AWS IAM, AWS S3, AWS ELB**
Scripting language	:	**Shell scripting**

PROJECT 1:

Title	: Finacle
Client	: Infosys
Technology	: **Git, Jenkins, Docker, Kubernetes, Ansible, AWS, S3,ELB,EKS, EC2,IAM**
Role	: Senior DevOps Engineer
Duration	: February 2022 to till date
SDLC	: Agile

Roles & Responsibilities:

- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on **Pod Creation** and managing Containers
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Assisted developers with establishing and applying appropriate **branching**, labelling convection's using GIT source control
- Improved speed, efficiency and scalability of the continuous integration environment, automating wherever possible using Shell Scripts.
- Hands on working experience on **Web Server (Apache), Application Servers (Tomcat, JBOSS), DB Server**
- Documented the entire installation process for various tools and provided on-call support.
- Automated setting up server infrastructure for the DevOps services, using Ansible, shell and python scripts.
- Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.
- Ensuring the high availability of back up for all critical servers.
- Handling changes management process by creating and implementing changes as per the requirement
- Worked on POC of Containerization of ConfD framework in Docker.
- Acquired expertise in debugging and fixing the code.

PROJECT 2:

Title	: Digital Payment Services.
Client	: Wells Fargo
Technology	: **Git, Maven, Jenkins, AWS, Docker, Kubernetes**
Role	: AWS DevOps Engineer
Duration	: April 2019 to till date
SDLC	: Agile

Roles & Responsibilities:

- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on **Amazon RDS**

- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.
- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on **Pod Creation** and managing Containers
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Created multiple Bash, Shell and Shell Scripts for various application-level tasks.
- Assisted developers with establishing and applying appropriate **branching**, labelling convection's using GIT source control
- Improved speed, efficiency and scalability of the continuous integration environment, automating wherever possible using Shell Scripts.
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like **SonarQube**
- Hands on working experience on **Web Server (Apache), Application Servers (Tomcat, JBOSS), DB Server (MySQL)**
- Documented the entire installation process for various tools and provided on-call support.
- Automated setting up server infrastructure for the DevOps services, using Ansible, shell and python scripts.
- Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.
- Ensuring the high availability of back up for all critical servers.
- Handling changes management process by creating and implementing changes as per the requirement
- Worked on POC of Containerization of ConfD framework in Docker.
- Acquired expertise in debugging and fixing the code.

PROJECT 3:

Title	: Scapa CTC
Client	: Cisco
Technology	**: Git, Maven, Jenkins, AWS, Docker, Kubernetes**
Role	**:** AWS DevOps Engineer**.**
Duration	**:** October 2017 to March 2019
SDLC	**:** Agile

Roles & Responsibilities:

- Responsible for launching Amazon EC2 instances using AWS and configuring launched instancewith respect to specific application and regions.
- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS.
- Automate the infrastructure using terraform
- Responsible for creating monitors, alarms, and notification for EC2 hosting using cloud watch

- Experience in creating, configuring and maintaining Infrastructure on AWS Cloud services including, **EC2, S3, Cloud Watch, IAM**.
- Working experience on pipeline and multibranch pipeline for our services in development, staging, and pre-production environment by using the integrated Tools Jenkins
- Verifying the logs if build fails
- Taking periodic backups of Jenkins job, restoring in case of there is any issue with Jenkins's server
- Extensive experience in Version Control Systems like GIT.
- Created physical infrastructure by using VPC service
- Managing AWS Services using **AWS Management Console** and CLI
- Setup of the code repository using GIT.
- Created Snapshots and Amazon Machine Images (AMIs) for the instances based on the requirements for backup and clone instances.
- MySQL Database security, creating users and managing permissions.
- Played a key role in automating the deployments on AWS using **GitHub, Terraform** and **Jenkins**.
- Experience in code covering tool **SonarQube** maintaining quality control and quality gates asper client requirement.
- Experience on Container services like **Docker** for building clusters and for automated application deployment pipeline for custom applications in the cloud environment.
- Created Buckets in AWS and stored files. Enabled Versioning and security for files stored.
- Connected continuous integration system with **GIT** version control repository and continuallybuild as the check-in's come from the developer.
- Ensuring the high availability of back up for all critical servers.
- Handling changes management process by creating and implementing changes as per the requirement.
- Experience in maintaining application servers like Apache Tomcat and Created shell scripts to automate CI/CD process.
- Working experience on operating systems like Windows, Linux

PROJECT 4:

Project Name	**:**	Hilton
Role	**:**	DevOps Engineer
Duration	**:**	September 2014 - September 2017
Client	:	Oracle
Technology	:	Git, Maven, Nexus, SonarQube
SDLC	:	Agile

Roles & Responsibilities:

- Administration of **Github** tool includes creating **branches**, **tagging**, **access permissions** and setting up **hooks locks**.
- Maintaining Subversion code repository and **backup files**.
- Experience in Creating **branches and tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds.

- Used **Maven** scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users.
- Automated   build scripts using **Maven** and **Shell Scripts**.
- Configured **Jenkins** CI tool for project and setup Nightly Builds.
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using **Jenkins**.