

G Sahichowdary

Team Lead, Senior DevOps Engineer, PUBLICIS SAPIENT

An eloquent, focused and dedicated professional with rich knowledge & experience in **LINUX** for OS administration leveraging **DevOps** processes on Building, Packaging, Managing and Releasing of Code from one Phase to other Phase and Deploying to Servers. Always intended to learn new Technologies and would like to gain new experiences, gives more than 100% performance to the company which hires me and makes the company feels that I am delivering above the expectations.

Profile Summary

- Result-oriented professional with over **6.5+ Years** of experience with Software Configuration, **Build and release Management** using **CI/CD processes** on **AWS** Cloud Environment
- Very good experience with DevOps tools like **Jenkins, GIT, Docker, Kubernetes, Ansible, Terraform and Shell scripting for Automation.**
- **Automated infrastructure** provisioning using **Terraform** and configuration management using cloud formation and Ansible, resulting in faster deployment and reduced manual errors.
- Very good in design and implementation of **Continuous Integration, Continuous Delivery, Continuous Deployment and DevOps processes** for agile projects
- Extensive working experience in implementing new projects using **Maven** as build tools for the building of deployable artifacts from source code.
- Creating infrastructure using **Terraform**, good understanding on terraform tool like **dependencies and statefile management** and also in **Terraform modules.**
- Implemented a Continuous Delivery pipeline with **GitLab, Jenkins**, and AWS AMIs
- Implemented a Continuous Delivery with groovy declarative pipeline with a stage view plugin method using GitHub, Jenkins and **shell Scripting** for the automation pipeline for build and deployment on windows servers.
- Implemented **Continuous Code Integration**, Code build, Code testing and Continuous Delivery pipeline using automation tools like Jenkins and related plugins.
- Proven acumen in learning metrics and monitoring the health or use of AWS resources on a full scale by leveraging **Amazon CloudWatch.**
- Created the full-fledged CI/CD workflow from scratch including tools like **Jenkins, GitLab, Maven, SonarQube** etc.
- Good Understanding **Blue-Green, Canary and Rolling update deployment strategies**
- Expertise in AWS services like **EC2, VPC, S3, CloudWatch, Load Balancers**, Autoscaling, Security Groups, **IAM Role & Policy.**
- Strong hands-on experience in **creating and managing VPC and Security Groups, Subnets, Route tables, NAT gateways.**
- Gained comprehensive experience with Elastic Load Balancer and integration with Autoscaling.
- Good experience in Containers management like **Docker, Amazon ECR, Creating and managing the Kubernetes Clusters.**
- **Led a team of DevOps Engineers** in the implementation of a CI/CD Pipeline for the financial services application using DevOps ensuring efficient and reliable deployment process.



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Organizational Experience

- Working as a **Senior DevOps Engineer at Publicis Sapient, Bangalore** since **May 2022**
- Worked as **Senior DevOps Engineer at Infosys Limited, Bangalore** from **Jun 2017 – May 2022**

Skills

- **Leadership:** Demonstrating leadership skills to inspire and motivate team to achieve product development goals.
- **Data Analysis:** Analyzing data and metrics to track product performance and identify areas for improvement.
- **Communication:** Effectively communicating product vision, strategy, and progress to stakeholders and cross-functional teams.
- **Product Strategy:** Developing product vision and strategy to align with company goals and customer needs.
- **Project Management:** Managing multiple projects simultaneously, including resource allocation, timelines, and budgets

Role: AWS DevOps Engineer

Duration: 2017 – 2023 | 1 Project Publicis Sapient | 2 Projects Infosys

Environment: AWS, Maven, GIT, Jenkins, Docker, Kubernetes, ECS, Terraform, Windows, GitLab, Linux.

Key Result Areas:

- Creation of continuous delivery pipelines in **Jenkins** to trigger code build, test and deployment using various plugins.
- Performed Branching, Tagging, Release Activities on Version Control Tool GIT (GitHub)
- Extensively worked on **Jenkins and GitLab CI/CD pipeline** jobs for end-to-end automation to build, test and deliver artifacts and troubleshoot the build issue during the Jenkins build process.
- Configured GIT with Jenkins and schedule jobs using Poll SCM option and implemented build pipelines with groovy declarative method.
- Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers from SCM to GitHub.
- Creation of continuous delivery pipelines in Jenkins to trigger code build, test and deployment using various plugins.
- Worked on Maven build tool upgrade.
- We take inputs from application team, and we create docker file and containerize Application.
- Automated the scripts to execute through Jenkins for build and deployments, zookeeper entries, dataset creation, PPR status changes, code migration status and merging the code to all the regions.
- Worked on **Maven** to create artifacts from source code and deploy them in Bit Bucket central repository for internal deployments.
- Installing, maintaining, administering and troubleshooting Linux & Windows server
- Deploying Infra in Dev, QA and Prod environments
- Exposure on Azure Networking components like Availability set, VNET, Subnet, NSG, Load balancer, Application Gateway (AGW), UDR, Hub-Spoke model etc.
- Working with GitHub private repositories as well as creating and managing EC2

Core Competencies

- ✓ DevOps
 - Git
 - Jenkins
 - Maven
 - Kubernetes
 - Docker
 - Sonarqube
 - GitLab
 - Nagios
 - Terraform
 - Ansible
 - ELK
 - On-prem and cloud infrastructure setup

- ✓ Windows/Linux Platform
- ✓ Shell scripting, Yaml scripting
- ✓ AWS Cloud
- ✓ Technical Support
- ✓ Cloud Networking
- ✓ Configuration & Management

Basic knowledge skills

- ✓ AZURE cloud
- ✓ GCP Cloud
- ✓ Python scripting

- Dockerized the Applications to reduce the cost and easy maintenance.
- Used orchestration tool such as kubernetes to make high availability of containers.
- Did Setup ELK for kubernetes resource monitoring.
- Automated configuration management and deployments using Ansible playbooks and YAML.
- Created Ansible Playbooks provision Apache Web servers, Tomcat servers, Nginx, Apache Spark and other applications.
- Writing scripts to automate deployment of playbooks on nodes.
- Wrote Ansible: playbooks, tasks, roles, templates.
- Monitored servers for CPU Utilization, Memory Utilization, and Disk Utilization for performance monitoring and written customized script to utilization details
- Interaction with 3rd party vendors, Client Teams and senior onsite Systems Engineers as necessary to optimally perform job responsibilities
- Create and maintain detailed up to date technical documentation (e.g. standards, process, run books, change requests)
- Attend status review meetings and prepare send the status reports to stake holders
- Regular proactive capacity planning and tending reviews of all systems
- Gave KT to the team and mentored the new team members.
- Project Implementation on Amazon Web Services Cloud computing
- Design and implement the architecture with HA (High Availability) and DR (Disaster Recovery) solution for new customer application or migrating the customer application from physical data center to cloud
- Configured Linux servers like FTP, Telnet, SSH, NFS, send mail, Apache and Package Management using RPM and Yum
- Automated daily tasks using shell scripting

Role: LINUX Admin

Duration : 2017 – 2018 | 1 Project Infosys Limited

Environment: Amazon Web Service, Windows, Linux

Key Result Areas:

- Configuration of MYSQL server and MySQL master slave replication.
- Configuration and Manage of Apache Web Server.
- Managing SSH for securing the server.
- Generate SSL certificates for Apache web server.
- Working experience on ITIL process (Incident, Change, and Problem Management).
- Creating templates from VM's and deploy VM's from templates and allocate resources.
- Troubleshooting virtual machine issues.
- Monitoring and Managing Nagios Monitoring tool.
- Installing and configuring of Linux on servers using Kick start.
- Up grading the Linux OS using Kick start.
- Troubleshooting Booting problems and Boot loaders problems.
- Configuring SAMBA (SMB), NFS.
- Package management with RPMs & YUM management in Redhat Linux.
- Upgrading the Kernel, change the kernel parameters, kernel configuration.
- Configuring FTP server to maintain the shared folder within the organization.
- System monitoring, maintaining server logs, job scheduling.
- Managing SSH for securing the server.
- Maintaining Linux Quota System.
- Users and Group Administration and giving special permission using SUID/SGID and Sticky bit.
- Implementing Access Control Lists (ACLs).
- Providing sudo access to the user.
- Manage user accounts, groups, hosts, file systems.
- Monitoring Server processes using ps, top, Vmstat and reviewing logs for failures.
- Administrative commands, configuration files and log files.

Soft Skills

Ownership
Analytical
Communication
Adaptability
Team-oriented
Problem Solving



Academic Details

- B.Tech Agriculture, College of Agricultural Engineering, UASR Raichur – 2017- 76%
- PUC From V.K.J PU College Ballari – 2013 – 72%
- 10Th from S.E.S English medium school Siruguppa – 2011 – 84%

Personal Details

- **Languages Known:** English, Telugu, Kannada, Hindi.
- **Address:** Ballari, Karnataka