

# Sunil Marampudi

Phone: 8977774576

Email: [sunilmarampudi77@gmail.com](mailto:sunilmarampudi77@gmail.com)

## PROFESSIONAL SUMMARY:

- Overall 3+ years of extensive experience in Automating, configuring and deploying instances on cloud environments and Data centers. Experience in the areas of **DevOps, CI/CD Pipeline**, Build and release management, **AWS cloud**.
- Involved in designing and deploying applications utilizing almost all the **AWS** stack (Including **EC2, Route53, S3, ELB, EBS, VPC, SNS, IAM, API Gateway**).
- Experienced in cloud automation using, **Terraform**.
- Implemented multiple **CI/CD** pipelines as part of DevOps role for on-premises and cloud-based software using **Jenkins, Chef and AWS/Docker**.
- Involved heavily in setting up the **CI/CD** pipeline using **Jenkins, Maven, GitHub, Terraform** and **AWS**.
- Configured and managed Elastic Load Balancing (**ELB**) to implement fault tolerance and avoid single point of failure of applications, thus providing high reliability and efficient usage.
- Used **Jenkins pipelines** to drive all microservices builds out to the **Dockerregistry** and then deployed to **aws**
- Orchestrated and migrated **CI/CD** processes using Cloud Formation and **Terraform** Templates and Containerized the infrastructure using **Docker**, which was setup in **AWS**.
- Setup of **ECS** to store the developed microservices in Docker containers.
- Deployment of ConfigMaps, Secrets and Volumes on Kubernetes
- Implemented **CI/CD** for Micro services Architecture Environment using **Github Actions, Gitlab**.
- Involved in **JIRA** as defect tracking system and configure various workflows, customizations and plugins for **JIRA** bug/issue tracker, integrated **Jenkins** with **JIRA, GitHub**.

## PROFESSIONAL EXPERIENCE:

Wipro Technologies Hyderabad as a DevOps Engineer from June 2019 to till date.

## TECHNICAL SKILLS:

- Operating Systems: RedHat, Centos
  - Version Control Tools: GIT, bitbucket
  - Build Management Tools: Maven
  - Code quality: sonarqube
  - Scripting Languages: Shell script
  - Continuous Integration Tools: Jenkins, Github Actions
  - Repository: Jfrog
  - Configuration Management Tool: Ansible
  - Webserver: Nginx
  - Containerization Tool: Docker
  - Infrastructure as a tool: Terraform
  - Cloud: AWS
-

---

## PROFESSIONAL SUMMARY:

**CLIENT: Coventry Health care**

**April 2021 to till today**

**ROLE: DevOps Engineer**

---

**Responsibilities:**

- Written **Terraform** Scripts to Automate AWS Infrastructure.
- Worked with IAM to manage users and groups by assigning individual policies and roles to each user and group as per requirements.
- Creating a Load balancing for the Application using AWS service **ELB**.
- Installing and configured application using Ansible.
- Configured a Custom **VPC** for the application.
- Implemented CI/CD process for micro services applications using Jenkins **Docker**.
- Created Security Groups to allow inbound and outbound traffic and also created NACL.
- Configured auto scaling for EC2 instances.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring and Networking of Virtual Private Cloud (VPC).
- Automate deployments through the use of configuration management.
- Create **Ansible** coding best practices for existing development team.
- Build servers in cloud based and physical infrastructures.
- Setting up the new build environment for various applications in Linux environment.
- Implemented the Release practice and responsible for pushing builds into DEV/SIT/ UAT.
- Involved in Deployment of the application using Tomcat.
- Automate build/release process used for J2EE applications using automation framework like **Jenkins**.
- Involved in Branching, Tagging and Merging of code delivery at required releases.
- Worked closely with Developers, QA and project management for smooth scheduled releases.
- Regulated code Checkout/Check in operation by restricting branches.
- Participated in the application builds and deployments to Dev, SIT, UAT and Prod environments.
- Responsible for identifying, troubleshooting and resolving problems with the build process.

**CLIENT: Johnson controls International**

**June 2019 to March 2021**

**ROLE: Cloud / DevOps Engineer**

---

**Responsibilities:**

- Working on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT.
- Performing all necessary day-to-day support for different projects like Check-in, Checkouts, branching, tagging, and conflict resolution.
- Deploy and monitor scalable infrastructure using configuration management tools like Ansible.
- Writing ad-hoc commands, playbooks in Ansible for Application Deployment automation, Cloud Infrastructure Automation.
- Written Simple Ansible YAML scripts to configure the servers.
- Installing and configuring **Jenkins**, installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.

- Implementing Continuous deployment using Jenkins and Implementing the setup for Master slave architecture to improve the Performance of Jenkins and Handle multiple builds from Development team, create build jobs in Jenkins and perform deployment activities .
- Responsible for Development, UAT, STAGING, PRODUCTION Builds and Releases.
- Responsible for taking the source code and compiling using Maven and packaging it in its distributable format such as a JAR / WAR /EAR.
- Working with Maven directory structure, plug-in, and repositories to build a project.
- Used shell scripts and automated creating projects in Jenkins and Jfrog repository as part of the release process.
- Daily Interaction with the application team as well as own team to resolve issues and to improve the process.

---

#### **EDUCATION:**

- B. Tech from JNTUK 2019