

**CAREER OBJECTIVE**

Intend to build a career under a leading corporate firm with a developing environment, which will help me to grow professionally and to achieve organizational goals

**Career Summary**

- Around 2 years of Total IT Experience as DevOps & Cloud Engineer in supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes. Implementing cloud strategy in various environments.
- Ability to work with automation Version control systems like Git.
- Proficient in using Configuration Management tools such as Ansible on Linux machines.
- Created many customized modules Playbooks for configuring applications on the client nodes.
- Hands on in build tools like Maven for building Java application artifacts and deploying it on multiple environments.
- Worked on Jenkins by installing, configuring and maintaining the purpose of Continuous Integration (CI) and for End-to-End automation for all build and deployments and in implementing CI/CD for database using Jenkins.
- Experience with container-based deployments using Docker, working with docker images, Docker Hub.
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and code quality Tools like SonarQube.
- Set up end-to-end automation with CI/CD to build and deploy the application very secure, stable and effectively.
- Design, manage and execute tools and scripts to develop different versions of products on wide-range operating systems.
- Hands on working experience on web server (Apache), Application server (Tomcat), DB server (MYSQL).
- Extensively involved in infrastructure as code, execution plans, change automation using Terraform.
- Experience in writing Playbook in YAML, Knowledge on python.
- Good Knowledge and hands on experience of Amazon EC2, S3, Elastic load balancing and many other services of AWS family.
- To create IAM and control AWS users and groups to access AWS services and resources.
- Creating S3 buckets to the store the files and applying bucket features based on the requirements.
- To Setup VPC, subnets make connection between different zones, Blocking suspicious IP/subnet.
- Migrated monolithic applications to Kubernetes Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy using Terraform.
- Responsible for installing Jenkins master and slave nodes.
- Ability to create AWS Cloud formation to automate repeatable provisioning of AWS resources for applications.
- Configured Docker container for setup application using automation Docker script.

## Skill Set

Cloud Technologies: AWS (Amazon web services), GCP (GKE)  
DevOps Technologies: Jenkins, Ansible, Docker, Kubernetes, GIT HUB, Terraform, SonarQube.  
OS Platform: Linux, Centos, Ubuntu

## Work Exposure

- Organization : SLP Technologies Pvt Ltd
- Designation : DevOps Engineer
- Experience : May 2020-Present

## Project

### Client1:

#### Roles & Responsibilities:

- Developed Docker files to create customized docker images as per applications requirement.
- Developed Helm chart to deploy applications to GKE cluster.
- Automate existing processes.
- Experience in performing multi Cloud infrastructure Automation.
- Create and maintain fully automated CI/CD pipelines for code deployment.
- 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.
- Migrated Containerization applications from EKS to GKE Cluster.
- Developed a single shared library to support monolithic and containerization applications CICD integration process.
- Used Ansible for Configuration Management.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Managed GitHub repositories and permissions, including branching and tagging.
- Containerizing applications with Docker.
- Identify root cause, and resolve problems.
- Installed application on AWS EC2 instances and also configured the storage on S3 buckets.
- Uses Fresh service ticketing tool to track issues and Change Management.
- Automated deployment of builds to different environments using Jenkins
- 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.
- working with engineering and operational teams to ensure systems are secure, scalable, and reliable.
- Ability to review deployment and operational environments, i.e., execute initiatives to reduce failure, troubleshoot issues across the entire infrastructure stack, expand monitoring capabilities, and manage technical operations.
- Responsible for writing various scripts in Jenkins to monitor server health and self-heal if necessary, Also, configured email plug-in to send alerts based on groovy script.

**ACADEMIC QUALIFICATIONS**

DEGREE	YEAR	NAME OF INSTITUTE	UNIVERSITY / BOARD	CGPA/PERCENTAGE
B.E (C.S.E)	2020	Sathyabama institute of science and technology	Sathyabama University, Chennai	7.8
12 <sup>th</sup> Board	2016	Sri chaitanya junior college	State Board, AP	91.9%
10 <sup>th</sup> Board	2014	Prathibha vidyalayam	State Board, AP	85%

**PERSONAL PROFILE**

Nationality : Indian  
Gender : Male  
Date of Birth : 07 November 1998  
Languages Known : English, Telugu

**Place:** Hyderabad

**(Nithin .Y )**