

## Profile Summary

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Having 8+ years of solid Experience as a “DevOps/Build & Release Engineer” with the AWS cloud platform. As a DevOps Engineer Proficient in AWS, Git, Maven, Jenkins, Ansible, Docker, Kubernetes, Splunk, Kafka, Jira, and nginx.

## Professional Experience

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### Engineering Lead at Persistent Systems

Location: Bangalore

Client-1: Cisco

Projects: NSO, CBP IC, SUSI Engine

Support projects: Candela, Cylon

Duration: Feb 2022 to Nov 2023 (1 year 7 months)

*Work Summary:*

- Key player in all Pods for DevOps for Cisco clients acts as a Cloud Architect.
- Managing database server PostgreSQL/MySQL and MariaDB database, Metabase on Rancher, and VMware vSphere.
- Automated all the projects from scratch using Jenkins, Docker, Kubernetes, AWS cloud, OpenShift, GitLab pipeline, Cisco Runon.
- Manage team repository, Access, Branches, and code merges using SCM tools GitLab, GitHub, and SVN.
- Written Docker files and Kubernetes YAML files, Jenkins pipeline scripts, and shell scripts to auto-deploy in Cisco lab VMs and AWS EC2 single-node cluster.
- Written K8's Cron Jobs, Jenkins pipeline for Cron Jobs.
- Written terraforms for infrastructure creation for ECS cluster, ECR, VPC, IAM roles, CloudWatch for all frontend and backend Python micro services.
- Worked with the EKSTL for AWS EKS cluster creation and wrote automation scripts using Jenkins.
- Managed the web server setup with https protocol and configured SSL certificate for Apache/Nginx Web Server.
- Troubleshoot the real-time production problems and monitor servers, and change the automation scripts according to the issue by solving them.
- Configuring backup, troubleshooting for failed backups, maintaining backups, restoring backups, etc.

Client-2: Monument Bank

Project: Monument Bank Project

Duration: Nov 2023 to Nov 2025

*Work Summary:*

- Ensured seamless integration of new features and updates into existing EKS clusters.
- Monitored logs generated by EKS clusters for errors, warnings, and performance issues.
- Collaborated in the creation and updating of AWS EKS clusters using CloudFormation templates
- Developed and maintained CloudFormation templates for provisioning and managing AWS resources.
- Deployed and maintained a bastion server for secure access to private resources within the VPC.
- Set up CloudWatch monitoring for EKS clusters to track performance metrics and detect issues proactively.
- Configured alarms to notify relevant stakeholders of critical events.
- Implemented log rotation and archival strategies for efficient log management.
- Managed SSL/TLS certificates for RDS instances to ensure secure communication.
- Scheduled and executed certificate updates to comply with security best.
- Maintained comprehensive documentation for the setup, configuration, and maintenance procedures.
- Facilitated knowledge transfer by creating guides and documentation for the development and operations teams.

## **Release Engineer at Clover Infotech**

Location: Mumbai

Client: Yes Bank

Projects: IBM Urban Code

Duration: May 2019 to Apr 2021 (2 years)

*Work Summary:*

- Automate jobs using CI/CD Pipeline.
- Creating War/Ear files using Maven Script
- Integrated Maven with GIT to manage and deploy project-related tags.
- Worked on Nexus installation, integration, and artifact management.
- Involved in Branching, tagging of code delivery at required releases.
- Involved in scheduling the automated build called Nightly Builds.
- Responsible for branching and merging the code as per the schedule.
- Implemented Continuous Integration, Branch Builds according to application releases using JENKINS. Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
- Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
- Interacting with developers to sort out issues related to Build Automation.
- Managing/Tracking the defect status using Jira.
- Co-ordination with other team members to resolve the Issues.

## **DevOps Engineer at SLP Technologies**

Location: Bangalore

Client: Deutsche Bank

Projects: Intern, Linux Jaw(support)

Duration: Oct 2016 to May 2019 (2 years 8 months)

*Work Summary:*

- Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
- Maintaining a farm of EC2 instances, S3, ELB's, and Cloud watch.
- Working with supporting different Environments with help of Ansible to deploy applications in different Target Environments.
- Responsible for creating the Jenkins pipelines for Automation job creation.
- Enabling the Role based access to Jenkins.
- Resolving build issues like adding the build profiles on maven configuration files.
- Enabling the SonarQube Quality gates for the modules of the project to maintain the Stability of the code quality and generating the SonarQube reports.
- Resolving the build issues and deployment issues

## **Skills and Knowledge**

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- Kubernetes (kubeadm, OpenShift, Rancher, K3S)
- VMware ESXI and Oracle virtualization (VMs, cluster, DB)
- Docker (EHS, ECR, Docker Hub)
- SonarQube (Integration using Jenkins)
- Jenkins (scripted and declarative pipelines)
- Shell Scripting (Writing .sh files for automation)
- AWS (EC2, ECS, ECR, EKS, S3, IAM, VPC, CloudFormation, Cloud watch)
- Part-time work on the GCP cloud - for personal projects

## **Awards & Certifications**

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- Got a Bravo in Team Awards in persistent systems twice in 2022 and 2023.

## **Education**

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- M. Tech in VLSI design at JNTU College of Engineering, Anantapur (2014-2016).
- B. Tech in Electronics at JNTU College of Engineering, Anantapur (2010-2014).