

# MARRI PRASANTH

## DevOps Engineer

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- Experience in AWS Cloud and DevOps in IT Infrastructure and Hosting based on environments. I am seeking a better opportunity in the industry in which my skills can be utilized to the best of my potential to aid the growth of the company. I would be keen to accept responsibility and new challenges with enthusiasm and commitment.

## WORK EXPERIENCE

### Cloud & DevOps Engineer

#### Adiel Technologies Pvt Ltd

📅 06 2021 – Till Date

📍 Chennai, IN

## PROFESSIONAL SUMMARY

- Around 3 years of experience in IT of Designing, Development, Integration of DevOps tools, Build Automation, Configuration Management, Build/Release and Delivery Management, CI/CD.
- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), EC2, RDS, S3, Route53, SNS, CloudFront, CloudWatch and IAM.
- Experienced in creating various dashboards, metrics, alarms and notifications for servers using AWS Cloud Watch, Grafana.
- Experience working with version control systems like GIT and used Source code management tools GitHub including command line applications.
- Create clusters in AWS Cloud and manage the clusters using Kubernetes(k8s).
- Experienced in App Containerization technology Docker , creating Docker images, Containers, Docker Registry to store images, cloud-based registry Docker Hub, Docker Swarm to manage containers.
- Expertise in LINUX / UNIX system builds, administration, Installations, Upgrades, Troubleshooting on different distributions such as Ubuntu
- Experienced in Bug/Issue tracking tool like Bugzilla, JIRA, FreshService.
- Strong work ethic with good Interpersonal and Organizational skills.
- Ability to work under minimal supervision and guidance.

## SKILLS

Version Control	GIT
Scripting languages	Python, Shell script
Cloud	AWS -VPC, EC2, S3, EBS, EFS, ELB, ASG, SQS, SNS, ECR, CloudFront.
Containers	Docker
Orchestration	Kubernetes, Yaml deployment, Helm charts
Infrastructure as a code	Terraform
Configuration Management	Ansible, Playbooks, Ansible role configuration
CI /CD	Webhook, Jenkins, Artifact management & Deployment
Monitoring Tool	Cloud Watch, ELK, Grafana & Prometheus

## LEARNING

### Frameworks & Libraries

Azure

PyTorch

Numpy

pandas

Scikitlearn

Pytorch

Tensorflow

Scipy

## PROJECTS

### Microservice Rollout On Amazon Elastic Kubernetes Service (Amazon EKS) - Client MGM Healthcare

#### Deploying of Cloud Infrastructure on AWS

- Worked in container-based technologies like Docker, Kubernetes.
- Involved in load balancing and adding them to Routes to be accessible from outside, troubleshooting pods through ssh and logs, modification of Build configs, templates, Image streams, etc.
- Experience in designing a Terraform and deploying it in cloud deployment manager to spin up resources like cloud virtual networks.
- Compute Engines in public and private subnets along with AutoScaler in AWS Cloud Platform.
- Set up Firewall rules in order to allow or deny traffic to and from the VM's instances
- Implemented & maintained the branching, tagging & build/release strategies using SCM tool like GIT.
- Using Jenkins to deploy code to AWS Cloud, create new namespaces, creating docker images and pushing them to container registry.
- Worked on all major components of Docker like, Docker Daemon, Hub, Images, Registry, and Swarm.

**Environment:** Amazon Web Services, Ansible, Docker, Kubernetes, Jenkins, GIT, Python, Shell, GitHub, Linux.

### Infrastructure Automation using Terraform -Client Genisys

#### AWS Infrastructure Automation using Jenkins & Terraform

- Created Jenkins jobs to create AWS Infrastructure from GitHub repositories containing Ansible playbooks.
- Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration.
- Managed GitHub repositories and permissions, including branching and tagging.
- Developing Terraform code for complete AWS Infra Deployment and deploying modules based on AWS Services for re-usability.
- Automated Deployment for all new clients using Build & Release Pipelines.
- Integrating Terraform & Packer with Jenkins Declarative Pipelines.

**Environment:** AWS, Jenkins, JIRA, GIT, GITHUB, Ansible, Linux.

## MOST PROUD OF



### Persistence & Loyalty

I showed despite the hard moments and my willingness to stay with Adiel Technology after the acquisition

## STRENGTHS

Hard-working (16/24)

Inquisitively explorative

Autonomous problem-solver

Rapidly adaptable

## EDUCATION

### M.Tech

#### JNTUCEA, Anantapur

📅 10-2014 – 03-2017 📍 Anantapur, AP, IN

- Percentage: 70.67

### B.Tech

#### Siddhartha Institute Of Science & Technology

📅 06-2008 – 04-2012 📍 Tirupati, AP, IN

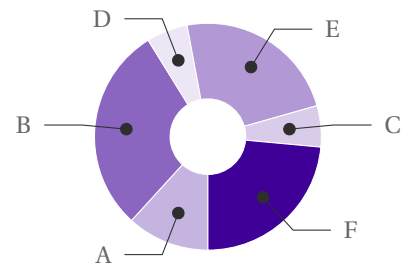
- Percentage: 76.11

## LANGUAGES

English  
Telugu  
Hindi  
Tamil



## MY DAILY ROUTINE



A - Spending time with family

B - Sleeping & dreaming about work

C - Tech-savvy in DevOps

D - Helping my wife with household tasks

E - Daily Stand up & Project Meetings

F - DevOps Engineer tasks