

# DARSHAN K MISTRY

DEVOPS ENGINEER

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## CAREER HIGHLIGHTS

- ✓ Having a Good Professional experience with 1 year 2 Months including 7+ months "Work from Home" Experience.
- ✓ Worked in a GCP and AWS the main cloud Platforms with overseer access
- ✓ Oversees 25+ Servers with appropriate motoring in a current profession with great Linux hands-on.
- ✓ Having good hands-on practice to setup Jenkins master-slave environment setup and Making CI/CD pipeline
- ✓ Deploys a Python and Node server in a docker environment
- ✓ certificate Update and overseeing Using "Let's Encrypted"
- ✓ Monitor serveries running on numbers of server using Nagios
- ✓ Design a new infrastructure diagram on draw.io.
- ✓ Create a new infrastructure on AWS with basic security along with VPC environment, AIM rules, load balancer, and good monitoring skill.
- ✓ Create this infrastructure with a terraform and cloud formation.
- ✓ Maintain infrastructure with a Linux and normal troubleshooting command

## WORK EXPERIENCE

### Associate DevOps Engineer

**Borndigital** *October 2019 – December 2020*

#### *Roles and Responsibilities:*

- Created a private VPN to securing a network
- Created a shell/bash script
- Manage monitoring tools (Nagios)
- Linux administrator
- Manage Jenkins and CI/CD Tools
- Make a command line tool using python
- Handle docker environment
- Worked with AWS device farm
- Manage GCP and AWS cloud as Administrator access
- Manage all Linux server with good monitoring
- Create dojo bitcoin (Node)
- Handle command-line tools using python
- Plane deployed and manage own VPN cloud using Wire guard
- Manage SSL certificate and maintain it using let's encrypt
- Design and deploy new infrastructure in AWS with s3, VPC, subnets, Load balancer

## EDUCATION

### **Bachelor of Engineering** (Computers Science and Engineering) *2015-2019*

**Result:** - 7.70(CPI)

**College:** - Faculty of Engineering Technology and Research

**University:** - Gujarat Technological University

### **Higher Secondary School Certificate** (Science) *Passed at March 2015*

**Result:** - 75.97 Percentile Rank

**School:** - L.M.P. Reva experimental High School & Sheth Shri M.C.Z. Shah Higher Secondary School

**Board:** - Gujarat secondary & Higher secondary Education Board

### Project 1: Creating a Workflow using a version control system and track software.

**Description:** Handling number of developers on a single project and also tracking work done in software development.

**Roles and Responsibility:**

- Setup a git environment on developer system and with remote repository.
- Make branches for a developer and manage git-flow.
- Track projects and configure them

### Project 2: Containerize Flask application with mongo DB

**Description:** Deploy two Independent containers in python and mongo dB and Link them with each other.

**Roles and Responsibility:**

- Create a Docker file to run the flask application.
- Create a mongo DB container and link it with the flask application
- Make a Docker-compose file to run this service with using the simple build command

### Project 3: Automating WordPress application using Kubernetes

**Description:** Creating an environment to run WordPress web application on Kubernetes with more than 3 replicas.

**Roles and Responsibility:**

- Set up a Docker and Kubernetes environments
- Deploy pod with replicas to run WordPress application
- Container orchestration with Kubernetes

### Project 4: Deployment of LAMP and WordPress using Ansible

**Description:** set up environment of run Apache server and PHP with MySQL database to run and work on WordPress.

**Roles and Responsibility:**

- Linux and ansible installation
- Connecting slaves with the master using SSL certificates
- Configure all server LAMP and WordPress using playbook.

### Project 5: Create CI/CD pipeline of cauterizing app with monitoring

**Description:** Create a CI/CD pipeline using Jenkins and with 2 agent servers.

**Roles and Responsibility:**

- Setup a Jenkins master-slave environment
- Setup an ansible master-slave environment
- Develop test and production server, connect it with Jenkins
- Setup Nagios master-slave environments for a monitor service
- Setup a webhook with a two different branch to process code in the different deployment process

### Project 6: Smart Examination

**Description:** Developed an Android app to take an examination without lab setup and PHP based server to generate a question paper base on the previous outcome. It was a final year IDP project at Escrow InfoTech.

**Roles and Responsibility:**

- Create a PHP API and set address
- Create an android app to work with PHP APIs

### Project 7: Visvesmruti (2018)

**Description:** Developed a Visvesmruti Android App and web site for the college technical festival.

## DevOps

Completed a DevOps Training from intellipaat with IBM certification.

## Escrow InfoTech, Surat, Gujarat

Completed 1-year internship at Escrow InfoTech, Surat for final year IDP project on Android and PHP.

## Escrow InfoTech, Surat, Gujarat

Completed training at Escrow InfoTech, Surat from 10th May 2018 To 31th May 2018 as Android Developer on Android Studio platform (<http://escrowinfotech.com>)

## TECHNICAL SKILLS

<b>Cloud</b>	<b>AWS, GOOGLE CLOUD PLATFORM</b>
<b>Version control</b>	Git, GitHub
<b>Operating system</b>	Windows, Linux (Ubuntu, Centos and Red hat) server
<b>AWS</b>	IAM, EC2, VPC, SECURITY Group, Route table, CloudTrail, Cloud formation, Cloud watch, s3, amplify, EKS, RDS
<b>GCP</b>	Compute, Computing Engine, VPC, Kubernetes engine, Networking, Firewall, Monitoring
<b>CI/CD</b>	Jenkins, GitHub Action, AWS Pipeline
<b>Configure Management</b>	Ansible,
<b>Monitor</b>	Nagios, Prometheus, GCP monitoring, CloudWatch
<b>Languages:</b>	C , C++ , Java , C# , Python, PHP, Bash script, shell script, Awk Script
<b>IAAS:</b>	Terraform, CloudFormation
<b>Design Infrastructure</b>	Draw.io

## CERTIFICATE

- ✓ AWS Solutions Architect Associate 2020 *form Udemy*
- ✓ System Monitoring Tools in Linux *form Udemy*
- ✓ Linux Tips and Tricks *form Udemy*
- ✓ Free SSL Certificate - Comodo SSL *form Udemy*
- ✓ DevOps Certification Training Course Online *form Intellipaat*
- ✓ DevOps Professional *form IBM*
- ✓ Linux Command Line Made Easy *form Udemy*

## DECLARATION:

I hereby declare that the above-mentioned details are true as per my belief and knowledge.

**DARSHANKUMAR MISTRY**