

# Satheesh Prabhakaran Venkatasamy

Mob: +91 9789716320 [vsp6692@gmail.com](mailto:vsp6692@gmail.com)

## Professional Summary

Highly skilled Engineer having more than 5 years of experience knowledge in Devops, SDN/NFV, Cloud and Virtualization Technology. Have excellent analytical, problem-solving skills and a strong ability to work with minimal supervision.

## Core Qualifications

- Better knowledge in cloud like Openstack, AWS and AZURE.
- Good understanding in SDN/NFV and Telecom Domain.
- Solid development skills in Python and Shell script.
- Proficient with Ansible, Terraform and Chef deployment tool.
- Worked in platform like Windows and Linux platform(Ubuntu/Centos/Redhat).
- Knowledge in Devops Tools like Git, Gerrit, Jenkins, GoCD, TFS/VSTS and Packer
- Experience in logging tools like Elasticsearch, Logstash, Fluentd, Kibana and Syslog.
- Working experience in monitoring tools like Nagios, Prometheus, Grafana and Zenoss.
- Open Source tools like Nginx, High Availability, Keepalived, Memcached, OVS, RabbitMQ, Blackbox and Corosync.
- Containerizing application using Docker, Linux Containers and Kubernetes along with helm templating tool.
- Worked in storage cluster CEPH.
- Basic understanding in VMWare, Gitlab CI and Bitbucket CI.

## Overall Experience:

### Company: KLA (April 2019 – Current)

#### Project: Retail Project (August 2017 – April 2018)

- Working as Devops Engineer Lead in Automation Team.
- Administering Jenkins for multiple teams.
- Creating pipeline using Pipeline script and testing suite using Cake Script.
- Infrastructure fully based on Nutanix Cloud managed by Morpheus.

### Company: Thoughtworks (August 2017 – March 2019)

#### Project: Deltatre (May 2018 – March 2019)

- Replatforming the dotnet application to dotnet core and converting all services to microservices.
- Implementing microservices architecture using Docker and Kubernetes.

- Architecting and implementing Kubernetes in self hosted VM's and Azure container services.
- Continuous Integration of code base using TFS/VSTS.
- Continuous Deployment of Microservices in QA, UAT, Staging and Production Kubernetes cluster using TFS.
- Templating Kubernetes yaml file using Helm Tool and TFS inbuild plugins.
- Securing SSL certificates and Secrets using Blackbox tool.

### **Project: Retail Project (August 2017 – April 2018)**

- Worked as Devops Engineer to make ensure attain proper CI/CD environment.
- Configuring and managing deployment using GoCD and Jenkins build tool.
- Automating the deployment of Windows based application in AWS cloud.
- Migrating all the application from AWS to Azure.
- Worked in developing terraform templates to automate Azure provisioning.
- Building golden images using packer and terraform to reduce the deployment time.

### **Company: Tata Consultancy Service (October 2013 – August 2017)**

#### **Project: SDN/NFV, Comcast**

- Building environment for SDN Controllers like Versa.
- Deploying and configuring Openstack Private Cloud using Ansible.
- One of the contributors in open source community for Openstack and Ansible.
- Worked in deploying Openstack inside Linux containers using Ansible.
- Hands-on experience in using several Openstack API's using Python.
- Implementing tunnel network using OVS.
- Development of SDN Controller Deployment tool using Python.
- Worked in developing End to End Testing tool to test the SDN Orchestrator using Python.
- Implemented Dev-Ops model in building SDN Environment and Orchestrator.
- Worked with storage cluster like CEPH for providing scalability in Openstack.
- Implementing High Availability in the Openstack cluster along with monitoring tools like Nagios and Zenoss tool.
- Implemented logging tools to monitor the Openstack, SDN and Orchestration tools using Elasticsearch, Logstash, Kibana and Syslog.

#### **Certifications:**

- RED HAT CERTIFIED SYSTEM ADMINISTRATOR IN RED HAT OPENSTACK (RHCSA)
- Cisco Certified Network Associate (CCNA)

#### **Education:**

**Bachelor of Technology- Information Technology** 2013, Government College of Technology, Coimbatore.