



# VIGNESH PALANIVEL

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## Career Objective

Obtain a DevOps/Linux administrative position where I can maximize my technical experience in provisioning, configuration and maintaining the infrastructure using DevOps and open to learn more technologies.

## Professional summary – 6 Years

6 Years of Experience with Excellent platform knowledge with Automation, Cloud Computing, Open source tools, DevOps, Build Release, Scripting (Python), Linux and Database Administration.

### Skills

DevOps Tools

Scripting

OS

Cloud Platform - AWS

### Tools

Jenkins DSL Groovy  
Bit-Bucket  
Terraform  
Packer(AWS AMI)  
Docker

Python Scripting & DataFrames  
Ansible

Linux RHEL-7

AWS Infrastructure Provisioning  
**AWS-SSA Certified - 2019**

## Work History - Current

### DevOps Engineer

**June 2018 – Current (2.5 – Years) TCS**

- Working on AWS cloud environments and DevOps.
- Deployed configuring and managing AWS AMI using Packer and Terraform, involved in automated deployment of EC2 instances.
- Worked on Ansible, used YML packages for installing, configuring push to make changes in time.
- Worked with Jenkins under the CI/CD pipeline using groovy DSL scripts providing continuous improvement and delivery environment
- Automated the complete deployment environment on AWS.
- Experienced in Infrastructure as Code and using most of the AWS services like EC2, Security Group, ASG, ALB, RDS, Cloud Watch, Lambda, S3, EBS, SNS, SQS, KMS, CloudFormation, Route53.
- Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins.
- Having good Experience in Configuration Management tools like Ansible for transferring and running the modules with the help of SSH based system.

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- Troubleshooting issues generated while build and deployments.
- Managing data bases using RDS (PostgreSQL).
- Using Docker to Create, Deploy, and run applications by using containers.
- Experience in package up an application (PostgreSQL Database) with all of the parts it needs, such as libraries and other dependencies, and deploy it as one container.
- Automate AWS infrastructure using Python SDK (boto3)
  - EC2: Instance Profile Check
  - EC2: Old Snapshots Deletion
  - EC2: Monthly Server Patching and maintenance activities using python
  - RDS: Auto Start/Stop Scheduler
  - RDS: Old Snapshots Deletion
  - RDS: Configuring PostgreSQL custom DB alerts (psycopg – Python Module)
  - IAM: Password Reset
  - AMI: Old AMI De-Register

## Work History - 1

### Automation Engineer

**Dec 2014 – June 2018 (3.5 – Years)Infosys Limited**

- Installing / Configuring PostgreSQL from source or packages on Linux machines.
- Automating the Installation using Ansible Playbooks and configuring the DB server.
- Backup server based on rsync utility.
- AWS Cloud Support Engineer.
- Creating and managing repository in GIT server.
- Writing Python script to automated day to day tasks like backups, restarts, checking consistency of data and sync with S3
- Knowledge on Python libraries for Data Analytics: pandas and numpy
- Knowledge on Python libraries for Data Visualization: matplotlib, plotly, dash, seaborn

## Accomplishment

Infosys - SPOT Award for Outstanding Performance DEC – 2017

## Education

Engineering Degree	Anna University, MNM Jain College	2010 – 2014
High School	Vetri Vikaas Boys HSS	2008 – 2010
Mid School	Veludayar HSS	2003 – 2008