



# KALAIVANI RAVISHANKAR

Greenville Nc, NC 27858  
vani212008@gmail.com / 2526499991

## SUMMARY

M.com graduate looking to work in challenging environment where I can utilize my skills and knowledge and contribute positively to my personal growth as well as growth of the organization. Hardworking and passionate job seeker with strong organizational skills eager to secure entry level devops engineer position. Ready to help team achieve company goals.

## SKILLS

Having Knowledge on

### Languages

YAML, Python

### Application Servers

Tomcat

### CI/CD

Jenkins

### Cloud Computing

Amazon Webservices

### Containerization Platform

Docker

### SCM

GitHub

### Scripting

shell

### Config Management Tools

Ansible, Terraform

## EXPERIENCE

**Teacher** / Swami Vivekanand School - Trivellore, Tamilnadu

03/2016 - 06/2019

- Built and strengthened positive relationships with students, parents and teaching staff.
- Differentiated instruction according to student skill level.
- Assisted fellow teachers with assignment development, special projects, tests, administrative updates and grading.
- Graded student papers and assignments to track student progression.
- Maintained positive classroom environments by reinforcing rules for behavior and relationship-building actions.

## EDUCATION AND TRAINING

**Post Graduate Program in DevOps: Devops**

Expected in 10/2022

Simplilearn - India

**Bachelor of Education: Commerce**

05/2010

Vadaranyam College of Education - Kadambathur (Chennai, Tamilnadu, India)

**Master of Commerce: Commerce**

04/2007

Jaya College of Arts And Science - Thiruninravur (chennai, Tamilnadu)

**Bachelor of Commerce: Commerce**

04/2005

Jaya College of Arts And Science - Thiruninravur(chennai, Tamilnadu)

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## CERTIFICATIONS

- I have done pg devops program in devops collaborate with simplilearn and caltech university
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## TRAINING PROJECTS

### Project 1:

#### Deployment of WordPress Environment

In this project Ansible is used to automate the process of installing and setting up a WordPress website with LAMP on an Ubuntu server

#### Tools used:

- Ansible
- ec2 instance

### Project 2:

#### Deployment of Java Application on Tomcat Apache Using Jenkins Pipeline

In this project deploying java application on tomcat server using jenkins pipeline script

#### Tools used:

- git
- maven
- jenkins
- ec2 instance

### Project 3:

#### Automating Infrastructure using Terraform

In this project Terraform is used to provisioning the infrastructure, to build a virtual machine, for example, and then use Ansible to install the necessary applications on that machine.

#### Tools used:

- Terraform
- AWS account with security credentials, Keypair

### Project 4:

Create a CI/CD Pipeline to convert the legacy development process to a DevOps process.

- Install and configure the Jenkins architecture on AWS instance
- Use the required plugins to run the build creation on a containerized platform
- Create and run the Docker image which will have the application artifacts
- Execute the automated tests on the created build
- Create your private repository and push the Docker image into the repository
- Expose the application on the respective ports so that the user can access the deployed application
- Remove container stack after completing the job

#### Tools used:

- EC2
  - Jenkins
  - Docker
  - Git
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## GITHUB

<https://github.com/vanishankar/myrepo>