

## Vivek P – Devops Engineer

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Mobile No : 90192 24226

Overall Experience in IT: 4 Years 4 Months

Relevant Experience in DevOps: 3 Years 11 Months

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### Educational Qualification:

- M.tech – Material Science in NIT, Warangal

### Industry Experience:

Company name	Designation	Duration
Splunk Technologies	Devops Engineer	May 2019 – March 2023
Splunk Technologies	Executive Trainee	Dec 2018 – April 2019

### PROFESSIONAL SUMMARY

#### Professional Experience:

- Experience in AWS, Git, Jenkins, Docker, Maven, Sonarqube, Ansible, Terraform & Kubernetes.
- Good work experience in Amazon Web Services like VPC, S3, IAM, RDS, Route53, EKS, Cloud Watch, ECR, ELB, Code Deploy and Code Pipeline, SNS & SQS, Cloud Front & Cloud Formation.
- Creating and managing the AWS services like EC2, IAM, VPC, ELB, Route 53 and cloud watch.
- Involved in various builds and release management activities, sequentially organized in our project.
- Experience in maintaining GIT workflows for version control on Source Code Management.
- Good experience in maintaining automated CI/CD Pipelines for code deployment using Jenkins.
- Good hands on knowledge in Linux & Groovy script.
- Implemented a complete CI/CD pipeline with AWS, GitHub, Jenkins, Maven, Sonarqube, Ansible, Docker and Kubernetes.
- Worked on Master Slave Architecture for deploying various applications in Jenkins.
- Worked on Scheduling Jobs, triggering Jobs and notification setup in Jenkins.
- Implemented Docker on the production side and worked on Docker images, containers and deployed web applications.
- Worked on Docker file for creating customized Docker Containers and worked on writing Docker Compose files.
- Continually worked towards making improvements in the release process through integration and automation.
- Experience in creating customized Playbooks for configuring applications in Ansible.
- Created Ansible Playbooks to provision different Web servers, database servers and other applications and created roles in Ansible.
- Created infrastructures using Terraform Resources and modules. Configured state locking feature with S3 backend and DynamoDB.
- Creating Kubernetes Clusters with master and slave node architecture using Kops.
- Handling the rolling updates, rollback and pause updates using Kubernetes.
- Attend Meeting with IT department to identify Continuous improvement opportunities and enhance the delivery of IT services to managers.

## Tools Known

- AWS - VPC, S3, IAM, RDS, ELB, EKS, ECR, Route53, Cloud Watch, Code Deploy and Code Pipeline, Cloud Front, Cloud Formation, SNS & SQS.
- DevOps - Git, Jenkins, Maven, Sonarqube, Ansible, Docker, Terraform, Kubernetes, Prometheus & Grafana

## Project Experience

<b>Client</b>	O2 Telephonic & Mark & spencer
<b>Role</b>	DevOps Engineer

## Responsibilities

- Manage and Configure AWS Services as per the Business Needs (ELB, Route53, S3, CloudWatch, IAM, VPC).
- Creating and Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS).
- Worked on AWS Services in Creating and Configuring EC2 Instances, VPC & Subnets with elastic IP's.
- Worked in build and release activities for production environment.
- Installed, Configured and Administered LINUX Servers on AWS.
- Configured Load balancer and auto scaling.
- Managing the storage using Amazon S3 services.
- Experience in Crating IAM Policies, Roles and User Management for Delegated Access.
- Managing User Access & Enable Branching Strategies in GIT.
- Resolving Conflicts Issues in GIT, Managing git repositories using various git commands.
- Managing Jenkins Master & Slave configuration.
- Managing CI/CD Jobs.
- Managing Jenkins Plugins.
- Integrating with other Devops tools like Git, Maven, Ansible, SonarQube, Nexus and etc.
- Setting up Ansible Control Server.
- Writing Playbooks and Roles.
- Managing Ansible Hosts.
- Setting up Docker Environment.
- Writing Dockerfile.
- Creating Custom Images.
- Setting up Private Docker Registry.
- Creating and Managing Containers.
- Creating Kubernetes clusters with master and slave node architecture using Kops.

## Declaration:

I hereby declare that all the above furnished information is true to the best of my knowledge.

**Place:** Chennai

**Yours truly**

[VIVEK P]