AVINASH V   Ph: +91-8668013724

DevOps Engineer   avinashavin26@gmail.com

Career Objective:

Be the key person in creative environment to utilize and refine my personal skills and abilities in the Modern Technology that offers Professional growth while being resourceful, innovative and challengeable.

Professional Summary:

- Working in **Innova solutions Pvt Ltd** as **DevOps Engineer**.

- Having total of 1.5 years of experience in IT and 1 year in **Cloud & Devops technologies**.

Education:

- B.Tech(IT) from Anna University, Chennai.

Technical Skills:

- **Operating System**: Linux, Windows
- **Configuration Management Tools**: Ansible, Terraform
- **Containerization**: Docker, Kubernetes
- **CI/CD**: Jenkins
- **Source Code Management**: Git
- **Build tools**: Maven
- **Deployment Tools/ Servers**: JBOSS, Tomcat
- **Database**: MySQL
- **NoSQL**: Dynamo DB (AWS)
- **Public Cloud**: Amazon Web Services
- **Atlassian tools**: JIRA
- **Repository Tools**: Nexus Artifactory, Docker Hub, Git
- **Code Quality tool**: Sonarqube, K6
- **Scripting**: Shell Scripting, Python
- **Security tools**: IAM, ACM
- **Monitoring/Logging tools**: Splunk, Prometheus, Cloud Watch

Work Experience:

Client: **RBL Bank**

- Manage and configure **AWS services** as per the business needs (**ELB, Route53, S3, CloudWatch, IAM, VPC**)
- Experienced in creating complex **IAM policies**, Roles and user management for access within **AWS**

- Actively manage, improve, and monitor cloud infrastructure onAWS **EC2** including

backups,patches and scaling

- Used **Ansible** for Configuration Management and having good knowledge of writing Playbooks.
- Automated build and deployment using **Jenkins** to reduce human error and speed up production processes.
- Managed **GitHub** repositories and permissions, including branching and tagging.
- Containerizing applications with **Docker**. Responsible for managing the **Docker** private registry and having good knowledge of maintaining containers using Docker swarm.
- Setup/Managing **VPC**, **Subnets**, make connection between different zones blocking suspicious ip /subnet via ACL.
- Setup/Managing CDN on **Amazon Cloud Front** to improve site performance.
- Creating/ Managing AMI/ Snapshots/ Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS).
- Created volumes and attach volumes on to **EC2** instances.
- Utilized **Cloud Watch** to monitor resources such as EC2, CPU memory, EBS volumes to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Attaching or Detaching EBS volume to AWS EC2 instance.

Client: **HLN**

Responsibilities:

- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on **Amazon RDS**
- Used **Ansible** to do configuration and to automate deployments
- Worked on creating **Kubernetes** cluster from end to end.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.
- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on **Pod Creation** and managing Containers
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Assisted developers with establishing and applying appropriate **branching**, labelling convection's using GIT source control
- Implemented and supported CI process via **Jenkins**
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like **SonarQube**
- Hands on working experience on **Web Server (Apache), Application Servers (Tomcat, JBOSS), DB Server (MySQL)**
- Documented the entire installation process for various tools and provided on-call support.

Declaration:

I hereby, declare that the above information is true to the best of my knowledge and belief.

AVINASH.V