K.DEVISYAMKUMAR
Devops Engineer

Phone:+917013468504

Location: Hyderabad

Email:devisyamkumar46@gmail.com

PERSONAL PROFILE

A unique and result-oriented professional, on a lookout for challenging assignments in **DevOps and AWS** in a reputed IT Industry for mutual growth and success

EDUCATION

B.Tech. Sri venkateswara college of Engineering & Technology in 2020

CORE COMPETENCIES

DevOps Engineering

Solution Deployment

Requirement Gathering

Data Analysis

AWS Cloud Architecture

Cloud Computing

Technical Support

Reporting & Documentation

PROFILE SUMMARY

- A technology enthusiast with **2 years of experience** in **DevOps Engineering** and **AWS Cloud Architecture**
- Comprehensive knowledge of Linux operating systems like Red Hat Linux, Ubuntu, CentOS and also having hands-on exposure on Vagrant
- Gained hands-on exposure in DevOps in application of **SCM Tools-Git, GitHub & Bit Bucket, Cloud Technologies- AWS Cloud Services and DevOps Tools- Jenkins, Docker and Ansible, Kubernetes.**
- Experience designing and building web application environments on AWS including services such as EC2, EBS, ELB, S3, VPC, Route53, RDS, Cloud watch, CloudTrail and Auto scaling
- Primary **technical associate** of the business improvement team in assisting in confirming customer success in creating applications and services on the AWS platform
- **Supported creation & maintenance of development, test & production environments** with a goal of high availability, fault-tolerance and scalability
- Created and implemented systems software to analyze data towards improving the existing ones
- **Expertise in the AWS knowledge** as well as comprehensive know-how around how application and services are built through the AWS platform.
- Implemented fully **automated Jenkins continuous integration/continuous delivery (CI/CD) pipelines** when necessary

WORK EXPERIENCE

From Oct'2022-Present
Associate Software Engineer (DevOps)
Fadel Software solutions Private Limited,
Hyderabad
Responsibilities:

- Configured and maintained Jenkins pipeline while integrating different types of plugins in Jenkins
- Authenticated, branched, tagged, merged & setup workspace for the development team.
- Captured project's state at the given time and made that available as a browse able folder for team members for future reference by creating a tags and support branches.
- Monitored pre-production acceptance testing to ensure high quality of a company's services & products, reduced occurrences of errors and improved customer experience.

TECHNICAL SKILLS

DevOps tools: Jenkins, Git, GitHub, Ansible, Docker, Kubernetes, Sonar Qube

Operating Systems: Linux, Windows

DBMS: RDS, MSSQL

Web Servers: Apache,Tomcat

Scripts: Shell Script, YAML

Monitoring: Prometheus ,Grafana,Nagios**Cloud:**

AWS,Azure,Gcp

Cloud Engineer
Project1: CMS
Responsibilities:

- Managed a continuous integration/continuous deployment methodology using Jenkins
- Used Ansible and puppet modules with AWS cloud formation and Jenkins for continuous integration/ continuous deployment
- Resolved simple merge conflicts that involve competing line changes on GitHub, using the conflict editor
- Attached multiple EBS volumes to EC2 instances
- Implemented best practices for system security and data backups using snapshot
- Stored in and fetched highly durable data as objects from buckets using Amazon S3, an object storage service
- Utilized EBS to store persistent data and mitigated the potential failure by running snapshots

- Launched and configured Cloud watch alerts, Amazon Linux and RHEL, EC2 instances, network interface with Elastic IP's and Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) for specified applications
- Associated security group and VPC with EC2 instance that controlled the inbound and outbound traffic for the instance
- Controlled the routing for the subnet by associating each subnet in VPC with route table and deploying ELB's
- Used Amazon CloudWatch is a metrics repository to collects and process raw data from Amazon RDS into readable and near real-time metric
- Managed DNS entries in Route 53 and various DNS provider

Devops Engineer
Project2: YAFIL
Responsibilities:

- Managed CPU memory capacity using virtual machines
- Supervised system Disk space, swap space & file system for virtual memory swapping and configured APACHE web server
- Escalated and managed tickets based on the priorities and lead them to closure
- Installed and Upgraded the packages with YUM & RPM
- Evaluated system Performance by monitoring Virtual memory, Disk utilization and CPU utilization and ensured zero productivity setbacks
- Implemented best practices for system security and data backups
- Attached and Mounted new EBS volume to EC2 Linux Instance
- Implement branching strategies and enforce code versioning policies
- Implement CI&CD pipelines for automated Deployment to different environment in Azure pipelines
- Configure and integrate Sonarqube into the CI&CD pipelines to automate code quality and security analysis.
- Correlate Apache Jmeter results with metrics from other monitoring systems for comprehensive analysis
- Executing performance tests using Jmeter in various environments
- Created, deleted and inserted modifications in file system
- Anticipated potential issues or bottlenecks during merging of source code for GIT and identified possible solutions
- Provided 24*7 Technical Support to the customer environment
- Setup and attached EBS volumes to EC2 instances

SMS PHARMACEUTICALS PVT LTD(Intern)

April 2021 TO May 2022

- Monitored the development and installation of Red Hat Enterprise Linux Operating System
- Installed and administered latest RPM's packages and configured YUM repositories
- Administered file system, Set-up Disk Quota, configured backup solutions
- Implemented best practices for system security and data backups
- Troubleshot the system and solved problems across all platform & application domains including login problems, booting problems and printing services
- Communicated and worked effectively with IT support staff, Linux and Network teams to ensure the setup process runs smoothly
- Worked on AWS Services EC2, IAM, ELB, Auto Scaling, S3, Route53, VPC, EBS, RDS, Cloud Formation, Cloud trail and Cloud watch, SNS SQS
- Created EC2 instance in AWS console
- Launched EC2 instances in VPC, Subnet, Security groups created
- Managed access to specific Amazon S3 storage resources using S3 bucket policy
- Attached and Mounted new EBS volume to EC2 Linux Instance