DEVISYAMKUMAR KANAKAM



**DevOps Engineer**

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Hyderabad

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# 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

# TECHNICAL SKILLS

**DevOps tools:** Jenkins, Git, GitHub, Ansible, Docker, Kubernetes, Sonar Qube **Operating Systems:** Linux, Ubuntu, Vagrant

**DBMS:** RDS, MySQL

**Web Servers:** Apache Tomcat **Scripts:**Shell Script, YAML **Monitoring:** Cloud

Watch ,Grafana,Nagios **Cloud:** AWS

# PROFILE SUMMARY

* A technology enthusiast with **nearly 3 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** witha 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 applicationand services are built through the AWS platform
* Implemented fully **automated Jenkins continuous integration/continuous delivery(CI/CD) pipelines** when necessary

# WORK EXPERIENCE

**From Jan’2020-Present**

**Senior 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 browseable 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

**Feb’2022-November’2022 Cloud Engineer 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

**SOFT SKILLS**

Collaborator Communicato rMulti-tasker Committed Listener

Attention to Detail

**PERSONAL DETAILS**

**Date of Birth:** 15th June 1998

**Languages Known:** English, Hindi& Telugu

* + 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

**NOV’2020 – JULY’2021**

**System Engineer Project:1 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
  + 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

**Jan’2020-June’2020**

**System Engineer Project:2 Responsibilities:**

* + 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