Vamsi Surapureddy

Email:vamsi.surapureddy110@gmail.com
Contact :9963276296

Profile Summary

An IT professional working as an AWS DevOps engineer having experience of more than 3 years.

- Hands-on experience in AWS Cloud Services
- Extensive working knowledge on design and implementation of VPN
- Hands-on knowledge in the creation of Roles, users in IAM
- Migration of the on-premise solutions to Amazon Cloud using EC2, VPC and S3
- Working knowledge on the Creation of custom AMIs using packer
- Working experience in taking snapshots of the EBS Volumes
- Hands-on experience in provisioning the Databases using RDS
- Hands-on experience in deploying solutions using ansible
- Hands-on experience in the creation of Reusable templates using Cloud Formation
- Working knowledge of Setting up CDN using Cloud Front and S3
- Hands-on knowledge Backups and Migration using Glacier,S3
- Hands-on experience in setting up Auto Scaling Groups for EC2
- Hands-on experience in Configuration of ELB (Elastic Load Balancer)
- Hands-on experience in configuration of SNS topics for alerts received from Cloud Watch
- Working knowledge on Setting up monitoring using Cloud Watch Alarms
- Hands-on experience in setting up Multi AZ RDS instances for High Availability
- Hands-on experience in Creating public & private subnets using VPC
- Good Experience with application and infrastructure management and monitoring tools

Work Experience

VERIZON DATA SERVICES INDIA PVT LTD   AWS DevOps Engineer   Apr 2019

Role: DevOps Engineer || Client: Verizon || Team Size: 7 || Apr'2019 to till now

Key Responsibilities:
- Setup and maintain cloud-based infrastructure (AWS)
- Gather customer requirements & translate the requirements to provide AWS solutions
- Creating architecture on AWS, document the design & provisioning of the infrastructure
- Design AWS infrastructure based on the application requirements
- Design and implemented Security using VPC, IAM, Security Groups and NACL
- Created Multifactor Authentication for AWS Users in the organizations
- Ensure appropriate redundancy and fallbacks in all server environments
- Liaise with engineering, production & QA in coordinating systems engineering work
- Contributing to the DevOps team to maintain and build out our infrastructure and servers currently operating on AWS platforms
- Automating all manual tasks of deployment, monitoring, log rotation, and collection
- Working closely with the dev team to manage CI environment using Jenkins, Code Commit
- Set up and maintain the monitoring infrastructure, analyze system bottlenecks, issues/bugs and solve them in realtime to maintain quality of product
- Setup Provisioning and infrastructure using ansible
- Creating a test environment for execution of tests by creating a clustering environment using ECS (Ec2 Container Services)
- Attending Scrum Meetings with Dev & QA
- Provisioning the Sprint delivery environments using Chef/Cloud Formation

- Managing Backups of EBS Volumes
- Creating the DB Server environments using RDS and performing Read Replicas, multi AZ for High Availability and Fault Tolerance
- Providing AWS operations and deployment guidance and best practices throughout the life cycle of a project
- Troubleshoot and resolve issues related to application deployment and operations
- Setting up CRON Jobs to download daily backups of critical services to on-prem using AWS-CLI
- Deploying Web Sites using opsworks
- Creating the CDN using the Amazon Cloud Front and S3
- Setting up CI using Jenkins
- Creating the EC2 Container Registry for Docker Registry and maintenance
- Setup of the Complete CI environment on Cloud to provision builds by any user from any device
- Working closely with development teams to integrate projects into AWS production environment and ensure ongoing support and maintenance as needed
- Building from the ground up reliable infrastructure services in AWS to deliver highly scalable services
- Support and maintenance of the production and non-production environments - including on-call support
- Working with application and operations teams to ensure successful deployment and operation of their application
- Support the build and deployment infrastructure used by our development teams
- Respond to high severity production issues escalated by our operations teams.
- Creating the High available servers which span across Availability Zones using VPC and Elastic Load Balancer
- Administration of Linux servers in Amazon Web Services.
- Automation of the building Process and implement deployment workflow.

Technical Skills

Build Tool	: Maven
Version Control Tool	: Git and SVN
CI CD Tool	: Jenkins
Platforms	: Linux and Windows
Scripting Languages	: Yaml, and Json
ConfigMgmt Tool	: Ansible
Database	: MySQL and Oracle RDS
Cloud provider and Services	: AWS
Infra Provisioning	: Packer, Terraform, and Cloud Formation
Containerization Tool	: Docker
Container Management Tool	: Kubernetes

Vamsi Surapureddy

Email:vamsi.surapureddy110@gmail.com
Contact :9963276296

Educational Qualification:

Degree	University	Year of Passing	Percentage/CGPA
M.tech(PS-HVE)	Godavari Institute of Engineering & Technology (Autonomous)	2019	6.96/10
B.tech(E.E.E)	JNTUK University	2015	66.01%
Intermediate (MPC)	Board of Intermediate Education, AP	2011	87.1%
SSC	Board of Secondary Education, AP	2009	85%

Personal Profile

- Name   : Vamsi Surapureddy
- Date of Birth   : 22-05-1994
- Marital status   : Single /Unmarried
- Nationality   : Indian
- Languages Known   : Telugu, English,Hindi

Declaration

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

Date:

Place: (Vamsi Surapureddy)