

Venkata Suresh Attuluri,
Lead Software Engineer – AWS DevOps Engineer
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Has 7 years of experience in IT and 5+ years of experience in Continuous Integration, Continuous Delivery, Deployment Automation, Release Management and Cloud Implementation. Good hands-on experience in setting up the infrastructure on Amazon Web Services (AWS) using AWS services in the domains of healthcare, Business spend Management, Banking & Finance.

Core Competencies

<ul style="list-style-type: none">• Skilled at Software Development Life Cycles, AWS Services, Devops Methodologies.• Monitor, build and deploy software releases and provide support for sandbox and production deployments.• Experience in Build & Release Management process, including end-to-end code configuration, deployments and having good knowledge on Devops methodologies with setting up CICD pipeline and managing them.	<ul style="list-style-type: none">• Experience in troubleshooting server upgrade failures within given SLA• Skilled in planning customer instances upgrades both SBX,Prod with latest releases.• Good interpersonal skills, Team working attitude, proactive in solving problems.• Enthusiastic in upskilling self with latest technologies.• Have good technical knowledge in automated delivery products, tools, or technology.	<ul style="list-style-type: none">• Experienced in understanding the client requirement and upgrading their customer to the respective latest version.• Providing recommendations for architecture and process improvements.• Implementing best security practices and cost-optimisation enhancements
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Tools and Technologies:

Source Code management	Git, GitHub, Bitbucket
Build tools	Maven, NPM, Dotnet
CICD	Jenkins, Bamboo
OS	Linux, Ubuntu, Windows
Container orchestration	ECS, EKS
IAAC	Terraform, CloudFormation
Scripting	Shell & PowerShell,Python
Artifactory	Jfrog
Webservers	Nginx, IIS
Containerization tool	Docker,ECS
Container Orchestration tool	Kubernetes, EKS
Cloud	Amazon Web Services (VPC, EC2, Autoscaling, Load Balancer, S3, Route 53, ECR, ECS, EKS, CloudFormation, IAM,ECR, Lambda,Aws Glue,Crawler,Athena,MFTS)

Responsibilities:

- Experienced in managing application by implementing AWS services which includes EC2,S3,EBS,VPC,ELB,AMI,SQS,SNS,IAM,RDM,KMS,Route53,Autoscaling,Cloud watch,EKS,AWS Glue, Crawlers,Athena,Lambda.
- Experienced in building sophisticated and highly automated infrastructure using automation frameworks such as Terraform & cloud formation.
- Implemented multiple new CICD pipelines depending on the application requirement.
- Responsible for managing the existing CICD pipelines and updating them with the latest changes as per client requirements
- Deployment, automation, management, and maintenance of AWS cloud-based production system.

- Ensuring availability, performance, security, and scalability of AWS production systems.
- Management of creation, release, and configuration of production systems.
- System troubleshooting and problem resolution across various application domains and platforms.
- Providing recommendations for architecture and process improvements.
- Enormously worked on scheduling, deploying and managing pod replicas on node cluster using kubernetes and worked with kubernetes runtime environment of the CICD system to build, test and deploy.
- Designing, maintenance and management of tools for automation of different operational processes.
- Implement the best practices for monitoring applications and create recommendations on how the application team can improve their applications.
- Proficient in shell scripting, power shell, groovy scripting

Educational Qualifications

- B.Tech,LakiReddy BaliReddy,(2016)

Achievements & Certifications

- AWS Solution Architect Associate,2022
- HC Terraform associate certified 2024

Projects Worked on in Virtusa : Nov 2021 – Till date

JPMC – Cloud Engineer - BFS - NOV-2023 to Till date	
Role	Cloud Engineer
Technology	Bitbucket,Jenkins,EKS,Terraform,Vpc,Ec2,S3,Glue,Crawler,Athena,Lambda,SNS,SQS,EKS,IAM,KMS,Spinnaker,Jules,Gremlin,xray,cloud watch,chaos testing
Responsibilities	<ul style="list-style-type: none"> • Responsible for provisioning the robust infrastructure using Terraform depending on the application requirement. • Enhancing the application add-ons on existing project. • Responsible for provisioning the infrastructure in Layers level for each LOB. • Responsible for implementing Pipeline as code for automated infrastructure deployment using Spinnaker application. • Responsible for provisioning and managing EKS clusters and supporting whenever required for debugging. • Responsible for automating the cluster shutdown and cluster automated start at specific mentioned time as part of cost optimizing. • Responsible for implementing the best cost optimizations suitable for project. • Responsible for implementing the triggers for lambda jobs. • Troubleshoot and solve issues whenever needed. • Responsible for providing best process improvements/enhancements for the applications. • Responsible for version upgrades of each services through terraform.

	<ul style="list-style-type: none"> Responsible for chaos testing i.e. testing the infra performance when an disaster occurs.
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Carelon Global Solutions – Cloud Engineer - HealthCare - Mar-2023 to Oct-2023	
Role	Cloud Engineer/Cloud Developer
Technology	Bitbucket,Bamboo,NPM,Dotnet,VPC,EC2,ELB,Autoscaling,Route53,S3,IAM,Lambda,DNS.
Responsibilities	<ul style="list-style-type: none"> Responsible for provisioning the robust infrastructure using Terraform. Responsible for creating bamboo multiple bamboo slaves/agents for running build and deployments Responsible for creating new build and deployment pipelines for multiple application to meet business requirements. Responsible for managing the existing pipelines and do required update if required by the business. Responsible for enhancing the delivery systems with continuous integration and delivery with robust pipelines. Responsible for making the application highly available for customers 24/7. Responsible for deploying the latest codes in Lower environments and deploying in production environments once got confirmation from business. Responsible for creating disaster recovery mechanism for high availability of the application Responsible for doing enhancements the gearup build and deployments in multiple environments. Responsible for providing best cost-optimisation methods. Responsible for providing best security methodologies for application security. Responsible for improvisation of monitoring and alerting systems. Responsible for managing the EKS clusters and supporting whenever required for debugging. Troubleshoot and solve issues whenever needed. Responsible for providing best process improvements/enhancements for the applications.

Coupa - Coupa Platform support & DB - BSM - Jan-2022 to Feb-2023	
Role	Site Reliability Engineer & Release Management
Technology	VPC,EC2,S3,Autoscaling,LoadBalancers,ECR,Rundeck,Route53,Github,Jenkins,Docker,Mysql,Control next.
Responsibilities	<ul style="list-style-type: none"> Responsible for upgrading Servers in SBX and Prod deployments with latest releases and troubleshooting the upgrade failures with in given

	<p>SLA.</p> <ul style="list-style-type: none"> • Responsible for planning upgrades in SBX and Production deployments and migrations. • Responsible for provisioning infrastructure through automation • Responsible for handling deployments alerts and resolving the issue within given SLA. • Launching new deployments or resizing the instances using Rundeck • Troubleshooting the upgrade failures with in given SLA. • Responsible for stack upgrade of sbx and prod deployments • Responsible for DB promotion for sbx and prod deployments • Responsible for migration of servers from deployments both for prod and sandbox. • Understanding the client requirements and releasin their expected versions to their customers • Upscaling and downscaling the deployment capacities depends on the loads of the upgrades
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Projects worked in TCS(Tata consultancy services limited) – Jan 2017 to Oct 2021

Davita - Nautilus - Healthcare - Jan-2020 to Mar-2021	
Role	Infrastructure Engineer
Technology	AWS Devops
Description	DaVita is one of the major Health Care provider in US
Responsibilities	<ul style="list-style-type: none"> • Deploy and monitor scalable infrastructure on Amazon web services (AWS). • Creating Infrastructure to the client as per the Build-Requirement Form using AWS services like VPC, EC2, Route53, ELB, Autoscaling, IAM, S3, Cloud watch, Cloud trail, Config, supporting networking and management/monitoring services. • Establishing Communication between VPC's. • Used Public and private subnets to provide security for Data base and web exposed servers • Ensuring all the pre-requisites such as VPC & Security Groups & Subnets & Soft-wares & Patch Up gradations. • Experience in launching, managing ec2 servers using multiple AMI's and troubleshooting Ec2 servers. • Experienced in creating IAM policies, Roles and user management for delegated access within AWS. • Involved in source control management with GitHub and regular activities include configuring user's access levels, identifying merge conflicts and managing branches, Managing Repositories. • Working knowledge of build automation and CI/CD pipelines, Managed already existing CICD pipelines in Jenkins for Build and deployment activities to achieve end to end automation for the project.

Davita - Cwow - January-2018 to December-2019	
Role	Build & Release Engineer
Technology	Devops
Description	DaVita is one of the major Health Care provider in US
Responsibilities	<ul style="list-style-type: none"> • Managing platform for build, deployment and maintenance activities using Jenkins, Docker, and Maven. • Experience in working with Version Control System Bit bucket. • Worked on Jenkins for supporting the existing Build and deployment jobs. • Worked on Jenkins for maintaining the existing Build and Deployment jobs. • Hand on experience in delivering container based deployments using Docker. • Worked on implementing End-to-End DevOps Automation.