

VISWANATH REDDY N

DevOps Engineer | AWS Cloud Engineer

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Viswanath Reddy

SUMMARY

Results-driven DevOps & AWS Cloud Engineer with 5+ years of experience in designing, implementing, and optimizing cloud infrastructure. Skilled in leveraging AWS services to deliver scalable, secure, and cost-effective solutions. Strong expertise in automation, CI/CD pipelines, Kubernetes, Terraform, Jenkins, and containerization. Proven ability to streamline deployment processes, reduce downtime, and enhance system reliability & availability.

WORK EXPERIENCE

Nuvama Wealth and Investment Limited

DEVOPS ENGINEER | FEB 2023 – Present | Bengaluru

- Designed and implemented fully automated CI/CD pipelines using GitHub, Jenkins & Docker.
- Automated build & deployment processes reduce manual effort & increase deployment speed.
- Maintained and improved GitOps-based deployment strategies using ArgoCD and Helm.
- Collaborated with development teams to manage infrastructure-as-code (IaC) using Terraform.
- Designed & maintained scalable containerized environments using Kubernetes & Docker.
- Implemented centralized logging and monitoring using ELK, Prometheus, and Grafana.
- Managed secrets and configurations using AWS Secrets Manager and ConfigMaps.
- Deployed and managed workloads on AWS (EC2, S3, EKS, IAM, VPC, ALB, Route53, RDS).
- Improved release quality and deployment frequency by integrating testing & alerting systems.

Excellerate Software Solutions Private Limited

DEVOPS ENGINEER | DEC 2021 – OCT 2022 | Hyderabad

- Automated Jenkins & Terraform workflows parallel build pipelines & AWS infra provisioning.
- Deployed and managed containerized microservices in Kubernetes clusters.
- Implemented Helm charts for service deployment and version control.
- Integrated logging and monitoring with Prometheus, Grafana, ELK stack, and Fluentd.
- Built custom AMIs for EC2 instances with required security tools.
- Automated patch management and configuration updates via Ansible.
- Developed Python and Bash scripts for infrastructure automation and daily operations.

HPR synergy Private Limited

SOFTWARE ENGINEER | FEB 2020 – MAR 2021 | Hyderabad

- Setting up the new build environment for various applications in Linux environment.
- Managed organizational standards maintaining source code in GitHub various micro services
- Creating and maintaining the development and stage branches on Git.
- Using Maven as a build tool, automate the process of building and storing artifacts in nexus.
- Installing & configuring applications like Jenkins, SonarQube, nexus, Docker, Ansible in Linux.
- Implementation of container-based architecture and created Docker-file base Docker images.
- Managing Docker containers for different Environment. (DEV, UAT, STAGE & PROD etc.)
- Creating AWS services like EC2, S3, Elastic Load Balancer (ELB) and Auto-scaling groups.

Cistron Infotek Private Limited

SOFTWARE ENGINEER | JUN 2017 – NOV 2018 | Hyderabad

- Experience with SCM tools Git/GitHub and bit-bucket for user manage permissions branching
- Using Maven as a build tool, automate the process of building and storing artifacts in nexus.
- Implementing continuous integration & continuous deployment with Jenkins pipeline job.
- Set up basic monitoring using Amazon CloudWatch track performance metrics & receive alerts.
- Used Amazon S3 storing & retrieving data, managing buckets access policies ensure secure.
- Creating IAM user providing granular access for required services.
- Managed AWS services like EC2, S3, IAM, VPC, CloudWatch, CloudTrail.

SKILLS

DevOps Tools

Git/GitHub	Maven	Jenkins	CICD	Docker
SonarQube	Nexus	Ansible	Kubernetes	
Helm	Git-Lab	GitHub-Actions	Grafana	
Prometheus	ELK	Shell	Linux	ArgoCD
Terraform	YAML	Python	HAproxy	

AWS Products

EC2	ALB	ASG	VPC	S3	IAM
ECR	ECS	EKS	RDS	ACM	CDN
WAF	SQS	SNS	EBS	Route53	
Lambda	Security Hub	Secrets Manager			
CloudTrail	Cost Explorer	CloudWatch			

EDUCATION

- B.Tech | 2014 - 2017 | Gudur**
Audisankara College of Engineering
- DIPLOMA | 2011 - 2014 | Gudur**
Government Polytechnic College, Gudur
- SSC | 2010 - 2011 | Kadapa**
Sree Shanthinikethan High School

Projects

- CI/CD Pipeline Automation:**
Automated build and deployment pipelines using Jenkins, Docker, and Kubernetes for faster, reliable releases
- GitOps with Argo-CD:**
Implemented GitOps workflow using Argo-CD and Helm for Kubernetes deployments with version control and rollback support.
- Cloud Cost Optimization:**
Reduced AWS costs by 25% by identifying underutilized resources.