# VISWANATH REDDY N

# **DevOps Engineer | AWS Cloud Engineer**

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## in 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.

#### Excellarate 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

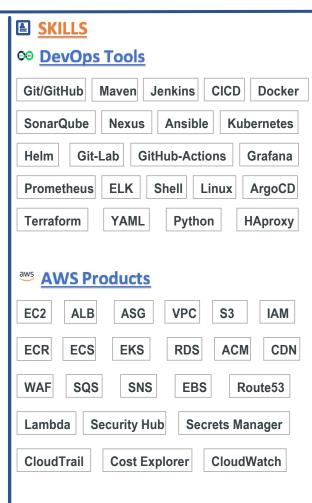
## ❖ SOFTWARE ENGINEER | FEB 2020 – MAR 2021 | ♥ Hyderabad

- 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.



# **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.