

# Hitesh Kumar Reddy O V

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## Summary of Qualifications:

- Having over 2.6+ years of experience in the Cloud and DevOps Automation domain along with hands-on proficiency in scripting.
- Extensive hands-on experience on Aws Cloud services and Aws DevOps implementations.
- Good understanding in Continuous Integration and Continuous Deployment methodologies and automation tools like Aws DevOps and Jenkins.
- Experienced in various remote tool kits like GitHub, Jira.
- Orchestrated automation workflows with Aws services, Kubernetes, Docker, Helm, and Git, ensuring seamless deployment pipelines.
- Working knowledge of Infrastructure as Code tools like Terraform for provisioning and managing cloud resources.

## Tools & Technology Expertise:

<b>Cloud</b>	Aws
<b>Programming</b>	Python, Shell
<b>Infrastructure Management</b>	Terraform
<b>Operating Systems</b>	Windows, Linux
<b>Version Control Tools</b>	GitHub
<b>Monitoring Tools</b>	Prometheus, Grafana

## Experience:

### Clarivate Analytics Pvt Ltd

#### Associate Software Engineer

**16 Aug 22 – Present**

- Developed automation scripts using Ansible and Terraform, reducing infrastructure provisioning and management time by 30%.
- Designed and maintained Shell scripts for automation tasks and created custom Python scripts for data collection and processing, improving operational efficiency by 25%.
- Implemented monitoring systems using Prometheus and Grafana, designing dashboards and alerts that enhanced system visibility and reduced incident response time by 15%.
- Managed Jenkins CI/CD pipelines, automating the build deployment process to reduce deployment time and increase deployment frequency by 30%.
- Created shell scripts for automating node health checks, monitoring CPU, memory, and other critical metrics to ensure system stability.
- Authored Ansible YAML scripts to configure remote servers efficiently.
- Demonstrated expertise in Docker orchestration and containerization using Kubernetes.
- Experienced in using Git commands (branching, tagging, rebasing) to maintain efficient code management and version control.
- Implemented private IP calling to optimize internal VPC communication, improving network infrastructure efficiency.

## Projects:

### E-commerce Project – Ansible, Terraform, Jenkins, Docker, Kubernetes

- Configuration Management: Utilized Ansible to automate configuration management, ensuring infrastructure consistency and reliability.
- Infrastructure Provisioning: Managed infrastructure provisioning with Ansible and Terraform, reducing deployment time by 40% and achieving 99% system uptime.

- AWS Optimization: Improved resource monitoring efficiency by 30% and enhanced system performance tracking accuracy by 25% using AWS CLI to gather detailed insights on running services.
- CI/CD Pipeline: Designed and maintained an end-to-end CI/CD pipeline for Java-based applications using Jenkins declarative pipelines.
- Automation: Developed Shell Scripts to automate routine tasks, improving operational efficiency by 30%.
- System Monitoring & Issue Resolution: Leveraged Linux command-line tools, log analysis, and diagnostic utilities to identify and resolve application-level issues efficiently.
- Container Orchestration: Applied Kubernetes to orchestrate the deployment, scaling, and management of Docker containers.

Education:

Degree/ Examination	Year of Passing	School/Institute	Board/University	Percentage /Grade
B. E	2022	Sri Venkateshwara College of Engineering	VTU Karnataka	9.0/10
Class XII	2018	Sri Chaitanya Junior College	Andhra Pradesh Board of Intermediate Education	97.3 %
Class X	2016	Narayana E.M High School	Andhra Pradesh Board of Secondary Education	9.5/10

Personal Information:

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