

L RAGHAVENDER REDDY

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[portfolio website](#)



Jr. Software Engineer

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Hyderabad



IT Professional with **1+ year** of experience in software, Skilled at operating in a wide range of platforms like **Linux, AWS, Azure and DevOps.**

PROFESSIONAL EXPERIENCE

Jr. Software Engineer

CLOUDEQ SOFTWARE INDIA PRIVATE LIMITED | 2022 - Present

- Implemented infrastructure as code using **Terraform** to create and manage resources on the **New Relic** platform.
- Utilized **Terraform modules** to abstract complex resource configurations, promoting reusability and maintainability of infrastructure code.
- Leveraged **Terraform's state management** on **AWS S3** to keep track of the deployed resources and manage updates and modifications efficiently.
- Engineered end-to-end monitoring solutions for diverse applications by **integrating Node.js, .NET, Kubernetes clusters, and Power Apps with New Relic**, enabling real-time performance insights.
- Demonstrated proficiency in **containerization** and **microservices orchestration** by successfully deploying containerized applications to Docker Hub, creating **Azure Kubernetes Service (AKS)** clusters, and automating the **CI/CD pipeline** using **GitHub Actions**.
- Deployed a secure and efficient CI/CD pipeline using GitHub Actions, enabling **automated testing, building, and deployment** of containerized applications to the AKS cluster.
- Configured **monitoring and logging** solutions within the Kubernetes environment, ensuring comprehensive observability and facilitating issue identification and resolution through **New Relic**.
- Effectively Used **AWS FireLens** in conjunction with **Fluent Bit** to seamlessly collect and transport log data from applications running on **AWS ECS clusters** to **New Relic**, ensuring comprehensive log aggregation and real-time monitoring capabilities.
- Established comprehensive **synthetic monitors** on **New Relic** to assess the availability and performance of diverse websites, ensuring early detection of anomalies and performance optimization.
- Has Basic knowledge of **Jenkins, Prometheus, and Grafana**.

PROJECTS

Comprehensive Infrastructure Monitoring with New Relic

- Worked closely with the client's DevOps and infrastructure teams to understand their AWS architecture and **monitoring requirements, tailoring the integration** process to meet their specific needs.
- Leveraged **New Relic's AWS integrations** through **Terraform** and agent-based monitoring **to capture essential metrics and telemetry data** from various AWS services, such as EC2, RDS, S3, and Lambda functions.
- Used **Terraform** for **custom dashboards and alerting policies** in New Relic to visualize and notify stakeholders and developers about critical performance indicators, ensuring prompt response to any anomalies or incidents.
- Created **GitHub Actions workflows to automatically trigger Terraform deployments** upon code changes and pull requests, reducing manual intervention and accelerating development cycles.
- Used **JIRA** for all our projects in scrum methodology for creating stories and giving points to the stories, and updated stories as per our sprints.
- Analyze and resolve compilation and deployment errors related to code **development, branching, merging, and building of Terraform code**.

CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)
- AWS Certified Cloud Practitioner (CLF-C01)
- Docker Essentials: A Developer Introduction
- New Relic - Advanced Practitioner Exam
- New Relic - Practitioner Exam
- New Relic - Full Stack Observability Practitioner Exam
- New Relic One Programmability
- Terraform Provisioning and Modules

EDUCATION

Avanthi Scientific Technological & Research Academy

Bachelor's Degree in Civil Engineering

- 2016 – 2020

LANGUAGES

- English
- Telugu
- Hindi

SKILLS

- Terraform
- GitHub Actions
- Docker
- Kubernetes
- New Relic
- AWS
- Azure
- Linux
- Shell Scripting
- Basics of Python, HTML, CSS, Javascript, and Reactjs
- Elementary knowledge of Jenkins, Prometheus, and Grafana

SOFT SKILLS

- Communication
- Adaptability
- Teamwork
- Time Management