THOTA NAGA UMAMALLESWARARAO

• mallesh.283@gmail.com   • +91-8639927508   • Hyderabad   • LinkedIn   • Github

OBJECTIVE

Results-driven AWS Cloud Administrator and DevOps Engineer with 3 years of experience in AWS Cloud and DevOps, complemented by 5 years in Telecom. Skilled in utilizing Git, Jenkins, Ansible, Docker, Kubernetes, and Terraform. Proficient in setting up CI/CD pipelines, managing cloud-based environments, and orchestrating container deployments. Experienced in collaborating with remote global teams and possessing strong communication, leadership, and problem-solving skills.

TECHNICAL SKILLS

- Cloud Computing Platforms | Amazon Web Services (AWS) | Tools | Containerization: Docker Kubernetes | Configuration Management: Ansible and Terraform | Continuous Integration: Jenkins Build Management: Maven | Version Control: GIT | Operating Systems | Linux | Ubuntu | Scripting Shell | Telecom Products | ILL | DLC | PRI | 2G | 3G | EPC | SDH | PDH | DWDM | NMS (ECI ALACTEL ERICSSION platform Tools) | ZTE Switch | Network Protocol Analyzer | Wireshark

PROJECTS

Intellipaat | Bangalore

Automated CI/CD Pipeline Implementation

- Streamlined deployment workflows & boosted efficiency by implementing & optimizing **Automated CI/CD Pipelines** that integrated Jenkins, Docker, & AWS services
- Employed Ansible to **automate software setup procedures**, guaranteeing uniform & dependable environment configurations
- Optimized Git workflow to enhance **source code management**, foster collaboration, & elevate code quality
- Utilized AWS CodeBuild to automate testing & deployment processes by triggering builds on commits, ensuring **accelerated development cycles**
- Streamlined application deployment & management tasks by **containerizing the application using Docker** with a pre-built container ('hshar/webapp')

Deploying a Multi-Tier Website Using AWS EC2

- Successfully designed & implemented a **highly available multi-tier website on AWS**, seamlessly integrating EC2 instances with Apache web server for optimal web hosting performance
- Implemented **Auto Scaling** for continuous availability & optimal performance of the web application
- Established a secure connection between PHP web application & **RDS MySQL database** to optimize data management & retrieval processes
- Oversaw the secure transmission of patient records via **Amazon SNS**, enabling mobile accessibility & push notifications while upholding privacy & compliance standards
- Utilized AWS CloudFormation to establish the VPC environment, configured **VPC endpoints for Amazon SNS connectivity**, & monitored message logs via CloudWatch for validation

CERTIFICATIONS

- Attained **AWS DevOps Certification** from Intellipaat

WORK EXPERIENCE

Cyient Ltd. | Hyderabad   Apr '21 - Present

AWS Cloud Administrator, DevOps Engineer

- Championed Cloud Solution Implementation by deploying AWS services like EC2, VPC, S3, Glacier, **RDS**, & Auto Scaling
- Orchestrated the setup of **CI/CD pipelines utilizing Jenkins** for automated build tasks, oversaw artifact generation with Maven, & troubleshooted build issues
- Managed AWS services & **optimized performance metrics** using CloudWatch & CloudTrail for EC2, RDS, S3, CloudWatch, CloudFront, & Route 53
- Led cross-functional teams & collaborated with management to design & implement **highly scalable systems**

Telstra Corporation | Hyderabad   May '18 - Mar '21

Senior Network Engineer

- Prioritized exceptional client experiences by delivering **proactive support** throughout the case lifecycle to ensure on-time delivery of client networks within SLA & maintained accurate documentation in client systems
- Served as the primary technical expert in **PDH, SDH, & DWDM transmission equipment** from vendors like ECI, Alcatel, & Tejas, providing vital support to clients within the NNIG Network Delivery team while upholding awareness of activities & issue statuses
- Managed network infrastructure operations, troubleshooting performance issues, & **overseeing network link decommissioning**

Tata Communications Transformation Services [TCTS] | Hyderabad   Oct '14 - May '18

Technical Service Executive

- Maintained & enhanced enterprise customer links to ensure **consistent routing paths** & promptly address service outages or network failures
- Resolving infrastructure & field team issues, including LM UBR/Copper repeat cases, by collaborating with circle teams to ensure rapid troubleshooting & recovery efforts during fiber cuts or link failures
- Delivered timely resolution of all complaints & requests adhering to **stringent SLAs**
- Facilitated communication between field engineers & customers to provide **transparent outage explanations**, ensuring efficient service delivery

EDUCATION

LBRCE College of Engineering   Jan '11 - Jan '14

Bachelor of Technology in Electronics & Communication Engineering - 74%