RAHUL KANDURI

DEVOPS ENGINEER | SITE RELIABILITY ENGINEER | CLOUD ENGINEER

CONTACT

📱 9390950829

✉️ kandurirahul887@gmail.com

🌐 Linkedin

📍 Hyderabad

SKILLS

Programming languages:
Shell Scripting, Python, Yaml

Database:
MySql, PostgreSQL

Version Control:
Git, GitHub

Software and Technologies
Linux, EMQX, Redis, Jira

Containerization Tools
Docker, Kubernetes

DevOps Tools
Jenkins, Ansible, Puppet, Terraform, Loki, Prometheus, Grafana, ELK, Kibana, Integrations

Cloud Platforms
AWS (EC2, S3, EKS, CloudFormation, IAM, RDS), Microsoft Azure (VMs, VNet, Traffic Manager, App Gateway, Storage Accounts)

EDUCATION

Aditya Engineering College

B.Tech: Mechanical Engineering

2017-2021 - GPA: 7.9

Narayana Junior College

Higher Secondary

2015-2017 - Percentage 88%

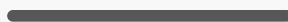### Bhashyam School

Secondary State Education

2014-2015 - GPA: 8.8

LANGUAGES

English
Hindi
Telugu

PROFILE

DevOps Engineer and Site Reliability Engineer (SRE) with expertise in cloud computing, automation, and infrastructure management. Proficient in AWS and Azure, with hands-on experience in CI/CD pipelines, containerization, and infrastructure as code (IaC). Skilled in improving system reliability, performance, and automation in large-scale environments.

WORK EXPERIENCE

Associate Software Engineer(DevOps)

ITS Planners and Engineers   Apr,2023-Present

- Kubernetes Orchestration: Spearheaded Kubernetes projects across Azure Cloud and on-premise environments, managing clusters with 50+ nodes, ensuring high availability and scalability for containerized applications.
- CI/CD Pipelines: Engineered Jenkins CI/CD pipelines to automate the software development lifecycle, reducing deployment time by 30% and improving release frequency.
- Infrastructure Automation: Implemented Ansible for configuration management across 500+ IoT devices, reducing manual intervention by 40%.
- Logging & Monitoring: Architected Grafana Loki for centralized log aggregation and Prometheus for real-time monitoring, enabling faster troubleshooting and reducing downtime by 25%.
- Database Management: Oversaw MySQL replication and PostgreSQL databases, ensuring 99.9% data availability and seamless failover mechanisms.
- Cloud Infrastructure: Deployed and managed AWS EKS clusters and Azure VMs across multiple regions, ensuring high availability and disaster recovery.
- Scripting & Automation: Developed shell scripts to automate routine tasks across 50+ Ubuntu devices, improving operational efficiency by 20%.
- Collaboration: Worked closely with cross-functional teams to monitor and troubleshoot a diverse infrastructure spanning 500+ servers, ensuring optimal performance and reliability.

Projects

CI/CD Pipeline

- Implemented CI/CD pipeline using Jenkins and Docker for a Node.js and Apache web application, ensuring automated and efficient software delivery.

Azure AKS Web Application

- As part of a project, I successfully configured and utilized an Azure Resource Manager (ARM) template to create a Virtual Network (VNet) along with an Azure Kubernetes Service (AKS) control plane. Additionally, I deployed an AKS cluster consisting of two nodes, and deployed a sample NGINX web application within the Kubernetes environment.

Microsoft Azure

- Deployed Virtual Machines in different Regions in separate Virtual Network with Vnet to Vnet peering. Created Application Gateway for each region's VM's and linked it to Azure Traffic Manager. This setup will store files in storage account

Academic Certificates

Python (HackerRank)

AWS Solutions Architect Associate (Intellipaat)

DevOps Engineer

Azure Administrator Course for AZ-103/AZ-104