## RAHUL KANDURI

## DEVOPS ENGINEER | SITE RELIABILITY ENGINEER | CLOUD ENGINEER

Hyderabad  Associate Software Engineer (DevOps)  ITS Planners and Engineers Apr,2023-Present  Kubernetes Orchestrations. Spearheaded Kubernetes projects across Azure Cloud and on-premise environments, managing clusters with 50+ nodes, ensuring high availability and scalability for containerized applications.  Circ Pipelines: Engineered Jenkins (2/Op pipelines to automate the software development lifecycle, reducing dealormant inter by 30% and improving release frequency.  Infrastructure Automation: implemented Anable for configuration management across 500+ lot T devices, reducing manual intervention by 40%.  Logging & Monitoring: Architected Grafana Loki for centralized log aggregation and Prometheus for real-time monitoring, anabling faster troubleshooting and reducing downtime by 25%.  Database Management: Oversaw MySQL replication and PostgreSQL databases, ensuring 99-9% data availability and seamless fallower mechanisms.  Cloud Platforme AMS, Microsa/MS (EC2, SS, EKS, Cloud-Formation, IMA, RDS), Microsa/MS (EC2, SS, EKS, Cloud-Formation, IMA, RDS), Microsoft Azure (VMs, VMet, Traffic Manager, App Gateway, Storage Accounts) oft Azure  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  Academic Certificates Projects  LANGUAGES  Engilish Hindi  AUS MUAGES  Associate Software Engineer (Dev Opps)  ITS Planners and Engineer (Pops)  Kubernetes Orchestration: Spearheaded Kubernetes projects across Azure Cloud on-premise environment.  Kubernetes Orchestration: Spearheaded Kubernetes projects across Azure Cloud on-premise environment.  Kubernetes Orchestration: Spearheaded Kubernetes projects across Azure Cloud on-premise environment.  Microsoft Azure  Deployed Virtual Machines in differency by 20 control plane. Additionally, Jedpoved an AXS cluster consisting of two nodes, and deployed a sample NGINX web application within the Kubernetes Serv	CONTACT  ☐ 9390950829  ☐ kandurirahul887@gmail.com  ☐ Linkedin	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.
SKILLS  Frogramming languages: Shell Scripting, Python, Yaml Database: MySql, PostgreSQL  Version Control: Git, CitHub Software and Technologies Linux, EMQX, Redids, Ura Containerization Tools Docker, Kübernetes DevOps Tools DevOps Tools Programmites and State Sta		WORK EXPERIENCE
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Manager, App Gateway, Storage Accounts)oft Azure  E D U C A T I O N  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  L A N G U A G E S  English  Pipplemented 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-	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, MicrosAWS (EC2, S3, EKS, CloudFormation,	<ul> <li>Kubernetes Orchestration: Spearheaded Kubernetes projects across Azure Cloud and onpremise environments, managing clusters with 50+ nodes, ensuring high availability and scalability for containerized applications.</li> <li>CI/CD Pipelines: Engineered Jenkins CI/CD pipelines to automate the software development lifecycle, reducing deployment time by 30% and improving release frequency.</li> <li>Infrastructure Automation: Implemented Ansible for configuration management across 500+ loT devices, reducing manual intervention by 40%.</li> <li>Logging &amp; Monitoring: Architected Grafana Loki for centralized log aggregation and Prometheus for real-time monitoring, enabling faster troubleshooting and reducing downtime by 25%.</li> <li>Database Management: Oversaw MySQL replication and PostgreSQL databases, ensuring 99.9% data availability and seamless failover mechanisms.</li> <li>Cloud Infrastructure: Deployed and managed AWS EKS clusters and Azure VMs across multiple regions, ensuring high availability and disaster recovery.</li> <li>Scripting &amp; Automation: Developed shell scripts to automate routine tasks across 50+ Ubuntu devices, improving operational efficiency by 20%.</li> <li>Collaboration: Worked closely with cross-functional teams to monitor and troubleshoot a</li> </ul>
Implemented CI/CD pipeline using Jenkins and Docker for a Node, is and Apache web application, ensuring automated and efficient software delivery.      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  Implemented CI/CD pipeline using Jenkins and Docker for a Node, is 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-	Manager, App Gateway, Storage Accounts)oft Azure	-
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English Azure Administrator Course for AZ-		<u>DevOps Engineer</u>
		Azure Administrator Course for AZ-

Telugu