

Rajesh Tota

System & Automation Engineer

Contact

Address: Hyderabad, Telangana, India-

507128

Phone: +91 8466948167

mail: rajeshtota257@gmail.com

Skills

- Ansible Automation Platform
- Event-Driven Ansible (EDA)
- OpenShift / Kubernetes
- Prometheus & Alertmanager
- Logging Loki
- 3scale API Management
- APIcurio
- RHSSO
- yaml & shell script
- AWS(EC2,S3,VPC,IAM)
- Git / Bitbucket
- Jenkins
- CI & CD
- Docker / Podman
- Terraform

Achievements

- Received “On the Spot” Award three times at Tata Consultancy Services (TCS) for outstanding performance.
- Received “Most Valuable Performer” Award twice at Cyient Ltd. in recognition of exceptional project contributions.

Education

- Graduated with a Bachelor’s degree in Electrical and Electronics Engineering from SBIT, Khammam, Telangana in May 2018.

Profile Summary

System & Automation Engineer with 5+ years of experience in Ansible, OpenShift, DevOps tools, and AWS, focused on automation, CI/CD, and improving system reliability.

Work History

Developer

[TCS – Reserve Bank of India Project- Aug 2022 – Present](#)

Ansible / Event-Driven Ansible / Prometheus / Alert-manager:

- Used Ansible to automate OpenShift daily activities reducing manual work.
- Integrated Event-Driven Ansible (EDA) with Prometheus alerts to trigger actions automatically and reduce manual efforts by 40%.
- Configured Prometheus rules and Alert-manager alerts to improve system reliability by 30%.
- Configured Gupshup SMTP for automated email notifications, improving response rate by 30%.
- Used Bit-bucket to store playbooks and rule books.

OpenShift / Loki Stack:

- Worked on various kubernetes objects to managing applications.
- Performed troubleshooting of failed pods and working on ocp operators.
- Installed and managed Loki Stack for centralized logging and faster troubleshooting, improving resolution speed by 25%.
- Applied filters to drop unnecessary logs. Forwarded customer-required logs to SIEM customer receiver for monitoring and security analysis.

3scale API Management / RHSSO:

- Managed 3scale API gateway and RHSSO authentication, securing more than 15 APIs.
- Handled API gateway policies, billing, invoices, RHSSO sync-up, and backend setup.
- Used Apicurio for small Swagger changes and integrated updated specifications in the 3scale Admin Portal.
- Improved API reliability by 30% using tools like Postman, Insomnia, and SQL Workbench for testing and validation.
- Generated OpenSSL certificates for development environment to test APIs securely.
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Analyst

[Cyient Ltd. – Virgin Media Project Nov 2019 – July 2022](#)

- Worked with AWS services like EC2, S3, VPC, and IAM for cloud setup and management.
- Experience using Git, Jenkins, and Docker in projects.
- Used Git branching for version control and team collaboration.
- Created CI/CD pipelines in Jenkins for automated deployments.
- Built and pushed Docker images to registry and used them in deployments.