

Experience

CELIGO

Hyderabad, Telangana

Software Engineer 2, DevOps

Aug 2023 – Present

- Implemented header-based canary deployments leveraging custom Helm charts with Istio, user group and tier partitioning and Envoy filters, and automated canary analysis using New Relic and Splunk.
- Streamlined the release process for 7 teams by adapting JIRA projects, automating release runbook creation, and introducing auto-created JIRA tickets, reducing release review time from one week to 6–12 hours.
- Developed a Slack AI chatbot to aggregate data from 7 sources, providing insights for internal teams.
- Built a ThoughtSpot dashboard with a Snowflake backend to visualize AWS costs across 10+ accounts, resulting in a 35% monthly AWS cost reduction.
- Created 100+ automation scripts for microservice onboarding, Kubernetes manifest updates, AWS resource configuration, schema validations, and linting checks.
- Established centralised terraform modules for automating AWS infrastructure provisioning and disaster recovery within 8 hours.
- Conducted quarterly zero downtime upgrades for EKS clusters, Istio, and 5+ CI/CD tools.
- Managed production deployments and on-call rotations while fulfilling SRE responsibilities to maintain system stability and uptime.
- Demonstrated a proof of concept for Istio metrics and logs using Prometheus for telemetry data and Kiali for real-time traffic visualization

Engineering Intern, DevOps

Jan 2023 – Jul 2023

- Enhanced the scalability, persistence, and reliability of CI/CD systems by deploying on Kubernetes using Helm charts and ArgoCD, leveraging GitOps principles.
- Designed and built robust CI pipelines to automate testing, code reviews, Docker image builds, security scans, and deployments.
- Reduced build times by up to 30 minutes through the implementation of parallel stages in Jenkins pipelines, significantly accelerating release cycles.
- Executed a pilot project for automated penetration testing using OWASP ZAP and Selenium, enhancing application security posture.

SCHLUMBERGER

Pune, Maharashtra

Cloud Engineer Intern

Jun 2022 – Aug 2022

- Devised and implemented an automation to increase the efficiency and transparency of the design review process using azure, power apps and power automate in a span of 8 weeks.
- Reduced the manual work required to create Azure DevOps tickets and work items by 50%.

Education

Bachelor of Technology CSE

Noida, India

Amity University, CGPA - 9.13

2019-2023

Dr. Atul K. Chauhan Scholarship Holder

Publications, Awards and Certifications

- All Star Team Award (Celigo, 2023)
- Letter of Merit for completing CCNA: Enterprise Networking, Security, and Automation (Cisco, 2022)
- A Comparative Study: Deepfake Detection Using Deep-learning (IEEE, Feb-2022)
- AWS Certified Cloud Practitioner CLF-C01 (AWS, 2020 & 2024 re-certified)

Skills

Languages: Javascript, Python, Shell, Rust

Tools and Technology: Jenkins, GitHub Actions, Sonarqube, Qualys, Snowflake, Thoughtspot, Kiali, ArgoCD, Splunk, Integrator.io, New Relic, Docker, Kubernetes, ISTIO, Helm Charts, Terraform, Terragrunt, AWS, Azure