

Ashutosh Apurva

+91-6202404581 | apoorva01@gmail.com | [GitHub](#) | [LinkedIn](#)

PROFILE

A DevOps Engineer specialized in DevOps culture, cloud, and cloud native deployments with various automation methods.

EXPERIENCE

Tata Consultancy Services

Kolkata, India

DevOps Engineer

2023 - Present

- Engineered Helm chart-based deployment of Prometheus and Grafana, enabling standardized monitoring setup and reducing configuration time by 60%.
- Improved software delivery by 50% through GitHub Actions CI/CD, integrating JFrog Xray for image scanning and SonarQube for SAST/DAST and code quality enforcement.
- Built secure CI/CD with GitHub Actions, cutting release errors by 40% via SonarQube (SAST/SCA), JFrog Xray, and Helm-based multi-env deployments.
- Programmed Helm charts to deploy 5 microservices across multi-env on-prem Kubernetes, streamlining release cycles by 60%.
- Optimized app traffic by configuring Ingress rules via Helm, improving routing efficiency and reducing latency by 30%.

Tata Consultancy Services

Kolkata, India

Site Reliability Engineer

2022 - 2023

- Administered migration of legacy enterprise application to AWS, boosting system scalability by 40% and cutting downtime by 60%. This accelerated educational service delivery and improved customer satisfaction.
- Developed and designed CI/CD pipelines with Jenkins, cutting build/deployment times by 35% and enhancing release reliability. This resulted in faster time-to-market and fewer rollbacks.
- Reduced provisioning errors by 30% and increased code reuse by 50% by programming and maintaining modular Terraform templates in GitHub, leading to more predictable infrastructure builds.
- Migrated 10 M+ customer records from legacy to Amazon RDS, boosting data retrieval speed by 50% and slashing infrastructure costs by 30%.
- Implemented New Relic monitoring, achieving **100% observability** and **reducing MTTR by 40%** for data-driven performance tuning.

SKILLS

Technical: Terraform, Python, Bash Scripting, YAML

Tools: Docker, Kubernetes, GitHub Actions, Jfrog, SonarQube, Rancher, Helm Chart, Prometheus, Grafana, Datadog, Linux

PROJECTS

AI Quotes Generator

2024 - 2025

- Automated the Quotes generation process, a prompt text-based web tool.
- Gemini LLM/ React /Vite framework
- Reduces human effort in searching for quotes on the web. Results are based on a prompt provided by the user. Provide over 98 % Accurate results.

EDUCATION

Bachelor's of Science in Computer Science

Ranchi, Jharkhand, India

CGPA - 8.2

2017 - 2020