

Prakriti Mandal

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Passionate DevOps enthusiast with experience of a year in Kubernetes, Docker, and other modern tools. Enthusiastically contribute to open-source projects, gaining practical experience and fostering a collaborative spirit.

WORK EXPERIENCES

Codelogix Technologies | March 2025 – Present

- Involved in creating the company's DevOps strategy in a mix environment of Linux (Ubuntu, Amazon Linux).
- Resolved conflicts related to merging of source code.
- Configuring Bitbucket pipelines isolated, and with Codepipeline, Codebuild, and Codedeploy.
- Creating NPM compatible environment in EC2 configuring reverse proxy with webservers like nginx and caddy.
- Used Cloudfront for frontend, ECS to deploy backend, ElasticCache for caching service, migrated data to RDS from different regions, ECR for image artifacts which literally reduced the cost of infra upto **60%**.
- Migrated RabbitMQ from EC2 instance to enhanced EKS cluster to mitigate excess costs from EC2.
- Configured ingress with acme SSL certificates, with http01 methodology.
- Deployed Qdrant DB in EC2 for vector DB support into application.
- Utilised CloudWatch for logs and metrics, Prometheus and Grafana for cluster monitoring

Wandaprep | Internship | Dec 2024 – Feb 2025

- Creating a Jenkins master and slave for the implementation of multiple parallel builds.
- Creating Jenkins build jobs based on the requirement.
- Integrated Git, Jenkins, Maven in accomplishing continuous integration with poll SCM, build trigger.
- Worked with Maven directory structure to build a project.
- Configured Maven and Jenkins to deploy the generated artifacts to Artifactory.
- Responsible for creating jobs in Jenkins and monitoring daily operations in Jenkins.
- Scheduled Build jobs configured build pipeline and automated deployment using Jenkins.
- Implemented the setup for **Master slave architecture** to improve the Performance of Jenkins, implemented parallel builds.
- Enforced Continuous Integration by configuring Git, Maven, Jenkins.

Member & Contributor Keptn [keptn project](#)

- I contributed to new features, bug fixes, write unit tests in Golang and participated in Community meetings.
- Introduced v1beta1 in API lifecycle-toolkit.
- Improved integration tests by adding kuttle log collector's lifecycle-toolkit.
- Added configurable service account to KeptnTasks lifecycle-toolkit.
- Collaborate on the development, CI pipeline and helm charts.

Skills: Golang, unit testing, go lint, github actions, Docker, Kubernetes, Helm, Kustomize, Linux

Education

St. Mary's Technical Campus, Kolkata, West Bengal

Bachelors of Technology in Computer Science Engineering | July, 2025

Tools and Programming Languages

Linux, Docker, Kubernetes, Jenkins, AWS services, ArgoCD, Prometheus, Grafana, EFK, Helm, Kustomize, Sonarcloud, Jfrog Artifactory, SCA, SAST, DAST tools, Golang, Python