

Rabindra Tamang

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OBJECTIVE

Detail-oriented and results-driven DevOps Engineer with expertise in Kubernetes and Docker seeking a challenging role to utilize technical skills and contribute to the seamless deployment and management of scalable applications.

EDUCATION

Bachelors of Science in Computer Science and Information Technology 2018 – 2023

College of Applied Business & Technology – Kathmandu, Nepal

SKILLS & CERTIFICATES

Skills

- Proficient in Kubernetes for container orchestration, including deployment, scaling, and management of containerized applications.
- Extensive experience with Docker containerization, including Docker Compose.
- Strong understanding of DevOps principles and practices, including CI/CD pipelines and version control (Git).
- Hands-on experience with cloud platforms such as AWS , Azure and DigitalOcean.
- Scripting skills in languages like Bash and Python for automation tasks.
- Familiarity with monitoring and logging tools like Prometheus, Grafana, Sentry,CloudWatch.
- GitOps (ArgoCD)
- Helm
- Cilium
- ArgoCD Rollouts
- Istio Service Mesh
- MySQL, PostgreSQL
- MongoDB
- Nginx, Apache
- Jenkins, Gitlab CI/CD

EXPERIENCE

Soliish Inc (DevOps and Infrastructure Engineer): Feb 2025 – Present

- Maintaining multiple infrastructure environment using terraform.
- Cost optimization of AWS cloud and EKS cluster.
- Optimizing EKS managed node group clusters and monitoring the application.
- Maintaining security of the infrastructure and eks cluster with latest cloud native stacks. (cilium, tetragon, wazuh, clamav)
- Optimizing docker image and maintaining its security.
- Implementation of multi region cluster for high availability and maintaining backup of EKS cluster using velero.
- Planning disaster recovery to reduce RTO and RPO.

Code Himalaya (DevOps Engineer): July 2023 – Feb 2025

- Creating kubernetes environment using k3s rancher and deployment of application.
- Using argocd rollouts for progressive delivery.
- Using Istio service mesh for blue green deployment, Canary deployment, fault injection, timeouts, and kiali for visualizing traffic.
- Implementation of Istio for mTLS between microservices.
- Implementation of kustomize and helm charts for the kubernetes manifests.
- Implementation of eks cluster using aws cloud infrastructure.
- Configuration of ingress controller in k8's architecture.
- Using Vault for secret management.
- Creation of CI/CD pipeline using Jenkins and Gitlab CI/CD.
- Implementation of React, Python, Java, PHP, Dot Net applications using docker and docker compose.
- Implementation of micro service architecture.
- Configuration of server as a reverse proxy server and load balancer using Nginx.
- Configuration of load balancer server using haproxy.
- Installation of ssl certificates using OpenSSL and certbot.
- Understanding and implementation of log monitoring tools like ELK stack.
- Implementation of Prometheus and Grafana for metrics monitoring of server.
- Implementation of java application in windows container environment.
- Configuration of VPC and creation of EC2 instance with load balancing and auto scaling environment in aws.
- Configuration of Route53, CloudFront and S3 buckets.
- Maintaining an ansible playbook to configure remote servers.

DevOps Engineer: CodeRush (Jan 2023 – Jun 2023)

- Implementation of LAMP stack in AWS cloud.
- Created EC2 amazon Linux instance as Apache server.
- Added Aws Load balancer for balancing traffic across the server
- Instance are managed and auto scaled by AWS auto scaling.

- MySQL database is used as a Database with auto backup and single az.
- Created vpc, subnets, and private and public route tables associated with vpc and subnets using terraform.
- Implemented Ec2 instance in the public subnet using terraform.
- Containerization and Microservices Architecture Migration.
- Containerized the application using docker.
- Deployment of applications in AWS Amazon Kubernetes Services.
- Infrastructure Automation with Chef.
- Designed and developed Chef Infrastructure, including cookbooks, recipes, and roles, to automate the deployment and configuration of servers, services, and applications.

DevOps Engineer: CloudSewa (Aug 2022 – Nov 2022)

- Understanding the workflow of Azure DevOps.
- Research on ARM template and terraform.

CONTACT

- **Github:**
<https://github.com/Rabindratmg>
- **Portfolio Website:**
<https://rabindrataamang.com.np/>