COVER LETTER

Hello Team,

I am writing to express my interest in the DevOps Engineer position. I bring 3+ years of hands-on experience designing and operating cloud and on-premises infrastructure across AWS, Azure, and GCP with a strong focus on Kubernetes, Infrastructure as Code, CI/CD automation, and platform security.

Most recently at Quark InfoTech, I built GitHub Actions pipelines, managed Docker Compose deployments for production applications, and migrated the entire codebase from self-hosted GitLab to GitHub, eliminating 100% of hosting and CI runner costs. I also integrated HashiCorp Vault via OIDC with GitHub Actions for centralized secret management across all pipelines.

Prior to that, I worked as an AIOps Engineer at Asians Groups LLC, a US-based CDN company, where I automated multi-cloud infrastructure provisioning with Terraform and Ansible, managed Kubernetes workloads with Kong API Gateway and CrowdSec, and hardened infrastructure across AWS, Azure, and GCP.

Before that, I served as the DevOps Engineer at Rumsan Associates, a Web3-focused company in Nepal. I architected and operated cloud (AWS, Azure, DigitalOcean) and on-premises K3s Kubernetes environments hosting microservices and messaging platforms (RabbitMQ, BullMQ, Redis) using ArgoCD, Helm, and GitOps workflows, maintaining ~99.9% uptime. I built Terraform-based IaC and Azure DevOps CI/CD pipelines cutting deployment time by ~60%, and implemented HashiCorp Vault with Kubernetes authentication, Vault Agent Injector, and GitHub Actions to securely deliver secrets across GitOps deployments.

On the security and observability side, I hardened cluster security with CIS benchmarks, Kube-bench, Kube-hunter, and zero-trust access via Teleport. I deployed centralized observability with Prometheus, Grafana, and Loki, cutting incident response time by ~50%. I also designed high-availability networking on Proxmox VE with bonded interfaces and failover, integrated NGINX Ingress with Azure Front Door CDN reducing latency by ~30%, and automated database backup and disaster recovery for MongoDB, PostgreSQL, and MySQL using Bash scripts, cron jobs, and AWS S3.

I am a **CNCF Kubestronaut**, one of a select group of engineers worldwide who hold all five active CNCF Kubernetes certifications simultaneously: CKA, CKAD, CKS, KCNA, and KCSA. I also hold the Google Cloud Associate Cloud Engineer and Microsoft Azure Fundamentals (AZ-900) certifications. All credentials are verified on Credly: https://www.credly.com/users/shyandab/badges

On the open source side, I optimized CapRover's Dockerfile reducing the image size from 810MB to 477MB (41% reduction), merged and shipped in production (PR #2009). I also contributed to Twenty CRM by improving container startup performance (PR #5815).

I hold a Bachelor's degree in Software Engineering from Nepal College of Information Technology and am an active member of NOSK, DevOps Kathmandu, and CNCF Kathmandu communities.

Thank you for your time and consideration. I look forward to hearing from you.

Sincerely,
Sandab Gharti GC