

SANDAB GHARTI GC

DevOps Engineer



SUMMARY

Hardworking, Team Player, Honest, Great Communicator, Quick Learner, Self Motivated with 5+ years experienced in Linux System. Interested In Cyber Security, Participated in Events Like Capture The Flag Challenge. Determined to use the security skills in creating Secured Eco-System of an application. 2+ Year experienced in Containerization. Core knowledge of Software Development Life Cycle with skills in Java (Object Oriented Programming).

SKILLS

- **Version Control System:** Git, GitHub, Gitlab
- **Infrastructure As a Code:** Vagrant, Terraform
- **Cloud Service:** Azure, AWS, GCP
- **Virtualization:** Libvirt, Proxmox, OpenStack, KVM, VirtualBox
- **CI/CD:** Azure DevOps Pipeline, GitHub Actions, Gitlab CI, Jenkins
- **Configuration Management:** Ansible
- **Containerization:** Docker
- **Orchestration:** Docker Swarm, Kubernetes
- **GitOps:** ArgoCD
- **Operating System:** Linux, Windows
- **Servers:** Apache-tomat, Nginx, Kong Gateway
- **Monitoring and Logging:** Grafana, Prometheus, Loki, AWS CloudWatch
- **Networking:** Azure Network, AWS Network (VPC)
- **VPN:** Wireguard, OpenVPN, Strongswan (IPSec)
- **Scripting:** Bash, Python, Powershell (Basic)
- **Programming Languages:** Python(Django), JS(NodeJS, NestJS), Java(Spring Boot Framework), C, C++ (Basic)
- **Database:** MySQL, PostgreSQL, MongoDB
- **Text Editor:** VsCode, Nano, Vim, Vi, Sublime Text
- **Build Tools:** Maven, Gradle, NPM, Yarn, Pnpm, Pip
- **Additional Tools:** Cloudflare Tunnel, Ngrok, Teleport

WORK EXPERIENCE

Rumsan Associates, Sole DevOps Engineer [Feb 2023-Aug 2025]

- **Designed and managed multi-cloud Kubernetes clusters (AWS, Azure, DigitalOcean)** using **ArgoCD, Helm, and GitOps**, ensuring high availability and consistent **CI/CD** workflows.
- **Built and automated cloud infrastructure with Terraform (IaC)**, integrated **Azure Pipelines**, and implemented **serverless solutions with AWS Lambda**, reducing operational costs by 40%.
- **Hardened Kubernetes clusters** using **Kube-bench, Kube-hunter**, and **CIS benchmarks**, and implemented **Teleport** for secure zero-trust access across hybrid environments.
- **Established centralized monitoring and logging** using **Prometheus, Grafana** and **Loki**, enabling full-stack observability and rapid incident response.
- **Optimized network reliability with Proxmox VE multi-network failover**, bonded interfaces, and high-availability configurations for continuous uptime.
- **Deployed decentralized Web3 applications** leveraging **IPFS** and **Hyperledger Fabric**, and integrated **Ollama Model with privateGPT** for custom AI-powered automation.
- **Enhanced application delivery** using **NGINX Ingress Controller** with path-based routing, **Azure Front Door CDN**, and **Terraform Vault** for secure secret management.
- **Developed internal systems** including **VOIP infrastructure (NTC SIP)** and automated backup processes to improve communication, reliability, and data protection.

Asians Groups LLC, AIOps Engineer [Sep 2025-Nov 2025]

- **Automated infrastructure provisioning, scaling, and security** across **multi-cloud environments (AWS, Azure, GCP)** using **Ansible, Terraform, and IaC practices**.
- **Deployed and managed containerized applications** with **Docker** and **Kubernetes**, integrating **Kong Gateway** and **CrowdSec** for secure API and traffic management.
- **Configured and hardened CDN edge servers** using **Nginx, Fail2Ban**, and **iptables** to enhance performance and mitigate network-level threats.
- **Implemented full-stack monitoring and alerting** with **Zabbix, Prometheus Grafana**, and **ELK Stack**, ensuring observability and rapid incident response.
- **Developed automation scripts** for **backup, failover**, and **Telegram-based** alert systems, improving system resilience and operational visibility.

SELF PROJECTS EXPERIENCE

- Created a self-hosted CI/CD system using Jenkins, tailored for private repositories.
- Designed a centralized logging system using Signoz for real-time log aggregation and analysis.
- Automated virtual machine provisioning with Terraform and Proxmox for home lab setups and testing.
- Developed REST APIs in Python and Java for CRUD operations, emphasizing scalable microservice architecture.
- Experimented with IPv6 configurations for exposing services securely over the internet.
- Deployed SonarQube integrated with Jenkins for continuous code quality assurance.
- Built Docker images and pushed them to Nexus and Docker Hub, enabling rapid deployments.
- Conducted advanced load testing for applications using tools like JMeter to ensure reliability under stress.
- Implemented backup solutions for critical data using Bash scripting and scheduled jobs.
- Managed Docker Swarm and Kubernetes clusters, including setting up and maintaining ETCD backups.
- Utilized Ansible for configuration management and continuous deployment across multiple environments.
- Performed System Administration tasks, including user management, networking, and package management.

EDUCATION

- **Bachelor in Software Engineering** [2018-2023]
Nepal College Of Information Technology, Lalitpur, Nepal
- **+2 Level (Compute Science and Mathematics)** [2016-2018]
Rehdon College, Kathmandu, Nepal
- **SLC Level** [2016]
Canvas Int'l Higher Secondary School, Kathmandu, Nepal

CONCLUSION

I, hereby declare that everything mentioned in this CV is true.

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🌐 @thespiritman

CERTIFICATION

- [Microsoft Azure Fundamentals](#)
- [CKA: Certified Kubernetes Administrator](#)
- [GCP Associate Cloud Engineer](#)

LANGUAGES

- English
- Nepali
- Hindi

HOBBIES

- Cyber Security
- Penetration Testing
- CTF
- [Youtube Videos](#)

PERSONAL ATTRIBUTES

- Friendly
- Leadership Ability
- Quick Learner
- Hardworking
- Research-Development
- Time Management

VOLUNTEERING EXPERIENCE

- Member, NOSK(Nepal Open Source Klub)