

PRABAL PIYA

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PROFESSIONAL SUMMARY

Software Engineering student interested in DevOps and cloud technologies, with hands-on practice in Linux, Docker, Kubernetes, CI/CD, AWS, and Terraform. Familiar with deploying applications, automating infrastructure, and using monitoring tools. Seeking an entry-level DevOps role to improve practical skills and contribute to reliable and maintainable systems.

TECHNICAL SKILLS

Operating Systems	Linux (filesystem, permissions, systemd, process management, logs)
DevOps & Tools	Docker, Terraform, GitHub Actions, Kubernetes, AWS, Azure, Ansible
Version Control	Git/GitHub, Branching, Commits, Pull requests, Merge conflict resolution

LANGUAGES

JavaScript, Python, Bash / Shell scripting, HTML, CSS

EXPERIENCE

UI/UX Designer Corvo Inc.	2023 - 2024 Naxal
- Designed responsive website interfaces in Figma for freelance clients. - Independently managed and delivered multiple design projects based on client requirements.	

PROJECTS

Learnhub LMS - AWS Full-Stack Deployment

Technologies: AWS S3, CloudFront, EC2, RDS PostgreSQL, Terraform, Docker, GitHub Actions

- Deployed a full-stack LMS on AWS using S3, CloudFront, EC2 and RDS.
- Automated infrastructure and deployments with Terraform, GitHub Actions and AWS SSM.

TaskOps - DevOps GitOps Capstone

Technologies: AWS EKS, Terraform, Docker, GitHub Actions, Amazon ECR, Helm, ArgoCD, Prometheus, Grafana

- Deployed a containerized app on AWS EKS using Terraform, Helm, and ArgoCD.
- Built CI/CD with GitHub Actions and ECR, plus monitoring with Prometheus and Grafana.

InvoiceFlow - Low Cost DevOps Infrastructure

Technologies: AWS EC2, Terraform, K3s, Docker, Helm, ArgoCD, GitHub Actions, Prometheus, Grafana

- Deployed app on AWS EC2 using K3s, Docker, Helm, and ArgoCD.
- Provisioned infrastructure with Terraform and added CI/CD, GitOps, and monitoring.

Portfolio Website - Complete CI/CD Pipeline

Technologies: GitHub Actions, GitHub Pages, HTML, CSS, JavaScript, Custom Domain

- Built and deployed a personal portfolio using GitHub Actions and GitHub Pages.
- Practiced automated deployment, Git workflow, custom domain, and DNS setup.

EDUCATION

Bachelor of Software Engineering

Nepal College of Information Technology

2026

Lalitpur