

RITESH PRASAD

Cloud & DevOps Engineer | AWS | Azure | GCP | Terraform | Kubernetes | Docker | CI/CD

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★ PROFILE SUMMARY

Motivated **Cloud & DevOps Engineer** with hands-on experience in **CI/CD automation, Infrastructure as Code (Terraform), and containerized application deployment**. Skilled in building scalable cloud infrastructure using **AWS, Docker, Kubernetes, and Jenkins**. Experienced in implementing automated deployment pipelines, monitoring systems using **Prometheus and Grafana**, and maintaining reliable Linux-based environments for high availability and efficient software delivery.

🧠 CORE SKILLS

Cloud Platforms

AWS, Azure, GCP

Containerization & Orchestration

Docker, Kubernetes, Docker Swarm

Web & App Servers

Apache, Nginx, Tomcat

Programming

Python, JavaScript, HTML, CSS, PHP

Security

Trivy, SonarQube

Infrastructure as Code

Terraform, Terraform Cloud

Configuration Management

Ansible

Databases

MySQL, AWS RDS

Other Tools

Nexus, Slack

CI/CD Tools

Jenkins, Git, GitHub, Maven, ArgoCD, GitHub Actions

Monitoring & Logging

Prometheus, Grafana, AWS CloudWatch

Operating Systems

Linux (Ubuntu, RedHat), Windows

Frameworks & Libraries

Bootstrap

📁 PROJECTS

End-to-End CI/CD Pipeline Implementation

DevOps Project

- Designed and implemented a **Jenkins-based CI/CD pipeline integrated with Git and Maven**, reducing deployment time by **60%** and streamlining continuous integration and delivery processes.
- Integrated **SonarQube** for code quality analysis and **Trivy** for vulnerability scanning.
- Containerized applications using **Docker** and pushed images to **Docker Hub**.
- Automated application deployment on cloud infrastructure.

Kubernetes Application Deployment

DevOps Project

- Deployed containerized applications on **Kubernetes clusters including AWS EKS**.
- Configured **namespaces, services, RBAC, multi-container pods, PV/PVC storage, and resource quotas**.
- Implemented monitoring and alerting using **Prometheus and Grafana**.

AWS Infrastructure Automation using Terraform

DevOps Project

- Automated provisioning of **AWS resources including VPC, EC2, S3, IAM, and RDS** using Terraform.
- Implemented **Infrastructure as Code (IaC)** for scalable infrastructure deployment.

- Managed infrastructure using **Terraform modules and remote state**.

AWS VPC Network Architecture

DevOps Project

- Designed and deployed **secure AWS VPC architecture** using Terraform.
- Created **public and private subnets**, configured **Internet Gateway and NAT Gateway**.
- Deployed **EC2 instances in private subnet** with controlled internet access.

RAGHAV PACKERS AND MOVERS WEBSITE

<https://raghavpackers.com/> Live Client Project | During Internship at Groveus

Built and deployed fully responsive business websites using HTML, CSS, JavaScript, and Bootstrap for live clients. Implemented SEO optimization, fast page loads, cross-browser compatibility, and interactive forms. Delivered professional, high-performance sites on time, enhancing client brand identity and user experience.

DHM PACKERS AND MOVERS WEBSITE

<https://dhmpackersandmovers.com/> Live Client Project | During Internship at Groveus

Built and deployed fully responsive business websites using HTML, CSS, JavaScript, and Bootstrap for live clients. Implemented SEO optimization, fast page loads, cross-browser compatibility, and interactive forms. Delivered professional, high-performance sites on time, enhancing client brand identity and user experience.

EXPERIENCE

09/2025 – 12/2025

Groveus

Web Development Intern

- Developed responsive websites using HTML, CSS, JavaScript, and Bootstrap, improving mobile usability across multiple devices.
- Optimized frontend assets and SEO elements, improving page load speed by ~20%.
- Managed website content and backend data using MySQL databases across multiple web pages.

01/2024 – 04/2024

CodTrees

Web Development Intern

- Developed **responsive front-end interfaces** using HTML, CSS, and JavaScript for dynamic web applications.
- Managed website content and backend data using **MySQL databases**, ensuring reliable data storage and retrieval.

EDUCATION

2021 – 2024

B.Tech – Computer Science & Engineering

Surendra Institute of Engineering And Management

8.31 CGPA

2018 – 2021

Diploma in Electrical Engineering

Darjeeling Polytechnic Institute

74.2%

LANGUAGES

English, Hindi, Nepali