

RITESH PRASAD

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

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★ PROFILE SUMMARY

Linux Administrator and Cloud & DevOps Engineer with hands-on experience in Linux system administration, AWS cloud services, CI/CD automation, Infrastructure as Code (Terraform), and containerized deployments. Skilled in user management, process monitoring, shell scripting, networking, Docker, Kubernetes, Jenkins, and cloud infrastructure management. Passionate about building reliable, secure, and scalable IT environments.

🧠 TECHNICAL SKILLS

Cloud Platforms AWS, Azure, GCP	Infrastructure as Code Terraform, Terraform Cloud	CI/CD & Version Control Jenkins, Git, GitHub, Maven, ArgoCD, GitHub Actions
Containerization & Orchestration Docker, Kubernetes	Configuration Management Ansible	Monitoring & Logging Prometheus, Grafana, AWS CloudWatch
Web & App Servers Apache, Nginx, Tomcat	Databases MySQL, AWS RDS	Operating Systems Linux (Ubuntu, RedHat), Windows
Programming Python, JavaScript, HTML, CSS	Security Trivy, SonarQube	Networking TCP/IP, DNS, DHCP, HTTP/HTTPS, VPC
Linux Administration Linux Commands, User & Group Management, Shell Scripting (Bash), Process Management, SSH, Cron Jobs, System Monitoring, Package Management, File Systems, Permissions Management.		

📁 EXPERIENCE

05/2026 – Present	F13 Technologies AWS Cloud Intern - Assisting in the deployment, monitoring, and management of AWS cloud infrastructure using services such as EC2, S3, IAM, VPC, and CloudWatch. - Supporting DevOps practices through Linux administration, CI/CD automation with Jenkins, and Infrastructure as Code (IaC) using Terraform.
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.

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.

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.

PROFESSIONAL TRAINING

12/2025 – 05/2026

Naresh i Technologies

Multi-Cloud DevOps with Generative AI

- Completed intensive training in Linux Administration, AWS, Azure, and GCP.
- Gained hands-on experience with Docker, Kubernetes, Terraform, Jenkins, Git, GitHub, and CI/CD pipelines.
- Worked on Infrastructure as Code (IaC), cloud automation, monitoring with Prometheus & Grafana, and shell scripting.
- Built and deployed real-world cloud and DevOps projects using industry-standard tools.

EDUCATION

2021 – 2024

B.Tech – Computer Science & Engineering

Surendra Institute of Engineering And Management

8.31 CGPA

LANGUAGES

English, Hindi, Nepali