

Ritik Kumar

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Technical Skills

- Cloud Platforms: AWS (EC2, ECS, VPC, S3, CloudWatch), Oracle Cloud, Azure, GCP
- DevOps & Tools: Docker, Terraform, GitHub Actions, Prometheus, Grafana, Nginx
- Infrastructure & Networking: Linux (Ubuntu, CentOS), WireGuard VPN, NFS, SMTP, FTP
- Databases & Storage: PostgreSQL, TimescaleDB, AWS S3
- CI/CD & Automation: GitHub Actions, GitOps workflows, Bash scripting

Professional Experience

DevOps Engineer (Remote) – Resource Dekho IT Services

Dec 2025 – Present

- Designed and implemented Infrastructure as Code (IaC) using Terraform to provision and manage cloud resources across Azure and GCP.
- Automated end-to-end cloud deployments using CI/CD pipelines and GitOps-based workflows.
- Developed reusable Terraform modules for networking, compute, storage, and security to ensure scalable, consistent multi-cloud environments.

Cloud Engineer – Envsoft Solutions LLP

July 2024 – Nov 2025

- Designed and deployed scalable infrastructure on AWS and Oracle Cloud (OCI) using EC2, VPC, and Load Balancers.
- Containerized microservices using Docker and deployed production workloads on ECS Fargate.
- Built secure FTP infrastructure using ProFTPD and NFS, and automated VPN onboarding with WireGuard, Flask, and Nginx.
- Implemented monitoring and alerting using Prometheus, Grafana, and custom alerts.

Cloud Engineer – InGuide Solutions Pvt Ltd

2022 – 2023

- Managed AWS infrastructure including EC2, Route 53, and CloudWatch, along with Linux servers and hosting control panels.
- Configured and maintained SMTP servers and DNS records (SPF, DKIM, DMARC) for reliable email delivery.
- Performed system tuning, security patching, and automation for hosting environments.

Projects

- OmniRAG: Multi-modal AI assistant built using Ollama, FastAPI, and Streamlit.
- Scalable AWS Infrastructure: Designed VPCs, subnets, Bastion hosts, WAF, Auto Scaling, and CloudWatch monitoring.
- Oracle Cloud FTP: Implemented load-balanced FTP services with shared NFS and live monitoring.
- AI Chatbot Platform: Deployed a local LLM with TimescaleDB using Docker and persistent volumes (Colab).

Education

Master of Computer Applications (MCA) – Chandigarh University | 2023 – 2025
Bachelor of Computer Applications (BCA) – MMHAPU | 2019 – 2023