RINKU SHARMA

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OBJECTIVE

DevOps Engineer with 1 years of experience in automating deployments, managing cloud infrastructure, and optimizing CI/CD pipelines. Proficient in AWS, GCP, Azure, Kubernetes, Terraform, Docker, Jenkins, Ansible, Linux, and Python, with hands-on experience in monitoring, networking, and security. Passionate about streamlining software development through automation and DevOps best practices.

EDUCATION

- **B.tech | Computer Science & Engineering | Jaipur Engineering College** *2021 - 2025 | Jaipur, Rajasthan*
- **Senior Secondary | Krishna Vidhya Mandir Sr. Sec. School** *2020 - 2021 | Alwar, Rajasthan*

EXPERIENCE

- **INTERN | DevOps Engineer | Quibble AI Pvt. Ltd.** *June 2024 - November 2024*
  - Use AI models in real applications by connecting them with APIs and running them smoothly using tools like Docker and Kubernetes.
  - Deployed AI models on AWS, handling environment setup, resource management, and performance optimization.
  - Set up Prometheus and Grafana to track system health in real-time, which helped reduce the time to fix issues by 30% and made the systems more reliable.

- **INTERN | Backend Engineer | Learn and Build** *September 2023 - November 2023*
  - Documented APIs and database schemas to enhance future development and maintainability.
  - Developed and optimized backend services using Node.js, Express.js, and PostgreSQL.
  - Set up and managed databases like MongoDB and Postgres, making sure the data was stored efficiently and could be accessed quickly.

- **INTERN | DevOps Engineer | Learn and Build** *March 2023 - August 2023*
  - Implemented CI/CD pipelines for seamless application deployment.
  - Automated infrastructure deployment using Jenkins and Terraform, reducing deployment time by 80%.
  - Deployed and monitored Kubernetes clusters with Docker, Prometheus, and the ELK Stack.

SKILLS

- **Version Control :** Git, GitHub, GitLab
- **Cloud Platforms :** AWS, GCP, Azure
- **Programming & Scripting Languages:** Python, Bash, YAML
- **Infrastructure as Code & Configuration :** Terraform, Cloud Formation, Ansible
- **Containerization & Orchestration :** Docker, Kubernetes, Istio Service Mesh
- **CI/CD :** Jenkins, GitHub Actions, GitLab CI/CD
- **Monitoring & Logging :** Prometheus, Grafana, ELK Stack
- **OS & Networking :** Linux (Ubuntu, RHEL), NGINX, HTTP, HTTPS
- **Database :** MySQL, MongoDB, Postgres

PROJECTS

- **FreeDevs: [Freelancer Website]** *https://freedevs.netlify.app/*
  - Deployed and managed the platform's backend using AWS EC2, RDS, and S3.
  - Implemented CI/CD pipelines for automated deployment and updates.
  - Ensured high availability with load balancing and auto-scaling.
  - Monitored infrastructure performance using Prometheus & Grafana.

- **Civom-AI Deployment: [A Combination of Multiple AI Models]** *https://civom-ai.vercel.app/*
  - Built an AI-powered platform for generating conversations, videos, images, code, and music.
  - Deployed LLMs on AWS with auto-scaling and monitoring mechanisms.
  - Set up a full-fledged CI/CD pipeline using Jenkins, Docker, and Kubernete.
  - Implemented Blue-Green deployments to ensure zero downtime during releases.
  - Automated the provisioning of EC2, VPC, RDS, and S3 using Terraform
  - up a full-fledged CI/CD pipeline using Jenkins, Docker, and Kubernete.

- **Hotstar: [Hotstar Clone Deployment]** *https://app-hotstar.netlify.app/*
  - Integrated CI/CD pipelines for automated deployment and testing.
  - Deployed application infrastructure using AWS & Terraform.
  - Conducted thorough testing post-deployment to ensure seamless user experience.

CERTIFICATIONS AND ACHIEVMENTS

- **Internship Certificate in DevOps Engineer**
- **Training Certificate in Kubernetes**
- **Training Certificate in OpenStack**
- **Training Certificate in Python**