TINKAL KUMAR

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Jaipur, Rajasthan | Willing to Relocate

Professional Summary

Entry-level DevOps engineer with hands-on experience AWS infrastructure including, Auto Scaling, Load Balancers, and managed database services and CI/CD pipelines. Background in IT operations supporting multi-branch enterprise systems. Actively seeking a DevOps or Cloud Engineer role where I can work on cloud infrastructure, automation, and system reliability.

Skills & Technologies

Cloud (AWS):	IAM, VPC, Route 53, EC2, Auto Scaling, Load Balancing, Lambda, CloudWatch, SNS, SQS, S3, EBS, EFS
Containers & Orchestration:	Docker, Docker Swarm, Kubernetes
CI/CD & Automation:	GitHub Actions, Jenkins, CI/CD Pipelines, Terraform, Ansible
Networking & Security:	DNS, Linux Networking, Docker Networking, Nginx, Apache, AWS Load Balancer, IAM Policies
Backend & APIs:	Node.js, NestJS, REST APIs, Webhooks, WebSockets
Databases:	MongoDB, SQL, AWS RDS, Amazon Aurora
Programming & Scripting:	JavaScript, TypeScript, Python, Bash
Tools & Platforms:	Git, GitHub, Linux, Docker Hub, Postman, Vercel

Projects

Highly Available Web Application using AWS Auto Scaling, Load Balancer

- Designed and deployed a highly available web application using AWS Application Load Balancer and Auto Scaling Group.
- Created a custom AMI with pre-installed Apache web server and application code for fully automated EC2 provisioning.
- Configured Launch Template to standardize instance creation during scaling events without manual configuration.
- Implemented health checks and automated infrastructure to ensure high availability and traffic routing to healthy instances.

AWS EC2 Provisioning with Terraform & Ansible Configuration Management

- Provisioned AWS EC2 instances and networking components using Terraform, following Infrastructure as Code practices.
- Executed post-provisioning configuration on EC2 instances using Ansible playbooks.
- Automated software package installation and basic system configuration on Linux servers.

CI/CD Pipeline with Docker for React Web Application

- Worked on implementing CI/CD pipelines using GitHub Actions for automated build and deployment.
- Set up CI/CD for a React application by containerizing it using Docker with a custom Dockerfile.
- Built Docker images and ran containers with exposed ports to serve the application.

Professional Experience

IT Executive   Aug 2024 – Feb 2025

Apex Hospital Group, Jaipur

- Provided IT support across 8+ hospital branches, supporting hospital management systems, asset management tools.
- Delivered department-wise software training to medical, HR, and administrative staff.
- Identified application issues and coordinated with vendor teams for resolution.
- Performed system troubleshooting and user access management to ensure uninterrupted operations.

Education

Bachelor of Technology in Computer Science   2020 – 2024
Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh

Certifications

- DevOps and Cloud Computing – Physics Wallah Skills