

# TINKAL KUMAR

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Jaipur, Rajasthan | Willing to Relocate

## Professional Summary

Entry-level DevOps and Cloud engineer with hands-on experience in AWS, Terraform, CI/CD pipelines, and automation serverless infrastructure using Lambda, API Gateway, DynamoDB, Docker, and Linux systems. Background in backend development and automation, seeking a DevOps or Cloud Engineer role to build scalable, reliable cloud infrastructure solutions.

## Skills & Technologies

Cloud (AWS):	IAM, VPC, Route 53, EC2, Auto Scaling, Load Balancing, Lambda, API Gateway, 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, DynamoDB
Programming & Scripting:	JavaScript, TypeScript, Python, Bash
Tools & Platforms:	Git, GitHub, GitHub Marketplace, Linux, Docker Hub, Postman, Vercel

## Projects

### Serverless DevOps File Upload Platform using Terraform, AWS Lambda, API Gateway, and S3

- Provisioned AWS infrastructure using Terraform, S3 backend, DynamoDB locking, ensuring secure remote state management.
- Built serverless backend using Lambda, API Gateway, IAM roles, processing secure file uploads automatically reliably.
- Configured CloudWatch logging and SNS notifications, enabling monitoring and automated email alerts after upload.
- Automated deployments using GitHub Actions, hosting frontend on S3, managing complete CI/CD pipeline efficiently.

### Highly Available Web Application using AWS Auto Scaling, Load Balancer

- Deployed Apache web application on EC2 using custom AMI, ensuring consistent automated instance provisioning.
- Configured Application Load Balancer, Target Groups, and Auto Scaling Group for traffic distribution reliability.
- Created Launch Template and health checks ensuring high availability, fault tolerance, and automatic instance replacement.

### CI/CD Pipeline with Docker and Nginx for React Web Application

- Implemented CI/CD pipelines using GitHub Actions for automated Docker build and deployment processes.
- Containerized React application using Docker and Dockerfile, ensuring consistent build and runtime environments.
- Built Docker images, deployed containers, and configured Nginx server to serve application efficiently.

## Professional Experience

MERN Stack Developer

Feb 2025 – Present

OweBest Technologies Pvt Ltd, Jaipur, Rajasthan

- Worked on 7+ production projects, developing scalable backend architecture using Node.js, NestJS microservices.
- Implemented business logic, authentication, and REST APIs using NestJS, TypeScript, and Firebase services.
- Developed responsive frontend using React, Next.js, Redux, integrating APIs for admin panels applications.
- Designed MongoDB and SQL schemas, optimized queries, supporting high-performance backend application functionality .

## 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