

Manmohan Dwivedi

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Experience

IT Engineer, QSS Technosoft – Noida, India September 2023 – July 2025

- Developed and deployed scalable web applications using MERN stack and automated CI/CD pipelines with Jenkins and GitHub Actions.
- Provisioned and managed AWS infrastructure (EC2, ECS, VPC, Workspaces, SNS) using Terraform and CloudFormation.
- Containerized applications with Docker and orchestrated deployments with Kubernetes to improve scalability and fault tolerance.
- Implemented monitoring and alerting with Datadog, Grafana, Prometheus, and CloudWatch for proactive incident resolution.
- Collaborated with cross-functional teams to deliver responsive UI (React, TailwindCSS) and ensure smooth release cycles.

Freelance – JunkyTech, Shivai, etc. July 2025 – Present

- Built custom web solutions for clients using ReactJS, NodeJS, and MongoDB with optimized backend workflows.
- Automated infrastructure provisioning, deployment pipelines, and container orchestration using Terraform, Jenkins, and Kubernetes.
- Set up configuration management with Ansible and implemented monitoring using Prometheus and Logstash for performance optimization.

Education

A.P.J. Abdul Kalam Technical University, LKO. – B. Tech. in CSE 2019 – 2023

- CGPA: 6.9

Technical Skills

Frontend: ReactJS, TailwindCSS, Material UI, shadcn

Backend: NodeJS, ExpressJS, REST APIs, Nodemailer

Cloud/DevOps: AWS (EC2, ECS, VPC, Workspaces, SNS), Terraform, CloudFormation, Jenkins, Docker, Kubernetes, CI/CD Pipelines

Monitoring: Datadog, Grafana, Prometheus, CloudWatch, Logstash

Databases: MongoDB, MySQL

Tools: Git, GitHub, GitLab, Postman, Linux, Jira, Azure Boards

Projects

Lyriks – 2022 github

- Music Player web app allowing users to discover and listen to popular and location-based trending songs.

College Post – 2023 github

- Blogging platform built with MERN stack enabling teachers to post announcements and students to share knowledge and doubts.

Extracurricular

- Open Source contributor in Hacktober Fest 2021 and 2022.
- Organized intercollege paper presentation competition during Ingenuity 2022.