

# NAITIK LODHA

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## EDUCATION

**NMIMS Mukesh Patel School of Technology (MPSTME)**

B.Tech in Computer Engineering; CGPA: 3.88 / 4.0

Mumbai, India

2023 – 2027

## TECHNICAL SKILLS

**Languages:** JavaScript (Node.js), C++, Python, Java, SQL  
**Backend:** Express.js, Node.js, REST APIs, Microservices  
**Cloud & DevOps:** AWS (EC2, S3), Docker, CI/CD (GitHub Actions), Git  
**Databases:** MongoDB, PostgreSQL, MySQL, Firestore  
**Certifications:** Meta React (Advanced), Meta Django Framework

## EXPERIENCE

**Software Engineering Intern**

Vimaksh Technologies

Dec 2025 – Present

Bengaluru, India

- Leading development of a SaaS platform for travel agencies with tenant level customization and role based access.
- Working directly with founders to align engineering with business and GTM goals.

## PROJECTS

**ADEON** | Node.js, Express, AWS, AI

May 2025

- Built a backend that uses AI to generate test cases automatically, which bumped our code coverage up by 40%.
- Wrote a security scanner that checks code for vulnerabilities every time a developer pushes to GitHub.
- Integrated the system with GitHub APIs to automate environment setup, cutting onboarding time in half.
- Hosted the service on **AWS EC2** so it stays online and responsive even when running heavy scans.
- Live at: [adeon.me](https://adeon.me)

**FluxGate** | Node.js, Docker, WebSockets

Apr 2025

- Built a self-hosted deployment tool (like a mini-Vercel) that automatically pushes code from GitHub to our servers.
- Used Docker to containerize apps, which made deployments consistent and about 60% faster.
- Added a live log viewer using WebSockets so we can see exactly where a deployment fails in real-time.
- Wrote the automation logic in Node.js to trigger updates immediately when code is committed.

**mpstme.pics** | React, AWS S3

Jan 2025

- Developed a gallery site for students to download photos from college events.
- Connected the app to **AWS S3** for storage because keeping thousands of high-res images on our server was too expensive.
- Optimized the frontend so the gallery loads fast even on mobile data.
- Live at: [mpstme.pics](https://mpstme.pics)

## POSITIONS OF RESPONSIBILITY

**Tech Head**

Taqneeq (College Tech Fest)

Oct 2024 – Mar 2025

Mumbai

- Led the tech team for the fest, building the backend systems that handled registrations for 300+ students.
- Managed the deployment on AWS and fixed server crashes during peak traffic.

**Tech Head**

Analytika

Jun 2023 – Mar 2024

Mumbai

- Oversaw the technical requirements for club events and mentored juniors on Node.js and Git basics.

## PUBLICATIONS

**Brain Tumor Diagnosis using CNNs** | Technikwissen (Impact Factor 6.1)

- Co-authored a paper on using Convolutional Neural Networks to detect tumors in medical scans.
- Handled the deep learning research and model training part of the project.