

# NIHAL PATIDAR

Shajapur, Madhya Pradesh — 465001

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## EDUCATION

**Jabalpur Engineering College Jabalpur**  
*B.Tech - Information Technology*

**2022 - 2026**

*Jabalpur, Madhya Pradesh*

## TECHNICAL SKILLS

**Frontend Technologies:** HTML, CSS, TailwindCSS, ReactJS, Redux, NextJS, TypeScript

**Backend Technologies:** NodeJs, ExpressJs

**Developer Tools:** Git, Github, VS Code, Postman

**CS Fundamentals:** OOP, OS, CN, DBMS, DSA

**Programming Languages:** C++, JavaScript

**Database:** MongoDB, MySQL

**Other:** DigitalOcean, Docker, Linux, Firebase

## EXPERIENCE

**Umbrella Protection Pvt Ltd** 🔗

**Jul - Aug 2024**

*MERN Stack Internship*

*Vijay Nagar (Indore)*

- Worked on a project utilizing **TypeScript** and **ReactJS** for **Frontend Development**. Developed and **Optimized** application performance by **20%**. Collaborated with a team using **GitHub** for **version control**, implementing **branching** and **merging** strategies. Enhanced **Communication** and **Teamwork** skills while interacting with clients and stakeholders.

**Jabalpur Smart City**

**May 2024 – July 2024**

*Trainee*

*Jabalpur*

- Built and optimized web apps using **HTML**, **CSS**, **JavaScript**, and **React.js** to enhance UI efficiency.
- Integrated and queried databases using **SQL**, **MongoDB**, and **Firebase** for efficient data handling.
- Collaborated in a **5+ member** team to deliver Smart City projects with **100% on-time** execution.

## PROJECTS

**Secure Entry** 🔗 | ReactJs, JavaScript, Tailwind, NodeJS, MongoDB, Firebase, Digital Ocean

**Dec 2024**

- Developed **Secure Entry** for generating **QR Tickets** and **Management** for **Multiple** Events
- Provides **Personalised** Event **Form Builder** with **Payment Gateway** and **Data** into **ExcelSheet**.
- Have Generated **2500+** **Free and Paid Tickets** and delivered services for **5 Events** at **Jabalpur Engineering College**.

**QR Ticket Scanner** 🔗 | ReactJS, NextJS, TypeScript, Tailwind, MongoDB

**Dec 2024**

- Only Scans **QR Ticket** generated by **Secure Entry** Platform.
- Scanned **1100+** **QR Tickets** at College Events.
- Can be used for taking **Attendance** of any sector.

**Hourly Journal** 🔗 | HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB

**Oct 2023**

- Developed for improving **Efficiency** and **Performance** of employee and students. More **Interactive** way of maintaining **Tasks** per hour every day.
- Tracking **Daily, Weekly and Monthly** Goals. Data are saved on **Remote Servers** to prevent loss.

## ACHIVEMENTS

**Prahaar (The Coding Contest)** 🔗

**25 March 2025**

- Organized the **First Coding Contest "PRAHAAR"** at **Jabalpur Engineering College**. **75+** teams registered out of which **30 teams** were selected for the final round, each consisting of **2-3 members**. The contest featured **5 DSA questions** with a duration of **2 hours**. I was part of a **6-member organizing team** responsible for smooth execution of the event.

**Inertia Tech Fest** 🔗

**Feb 2025**

*Entry System Head*

*Jabalpur Engineering College*

- Inertia was a **Tech Fest** at **Jabalpur Engineering College** and I handled all registration **Forms of Events** and **Workshops**. And **Provided Entry System** through my developed qr ticketing system. My role was **Head of Entry System for Inertia**. managed **2000+** students for QR scanning.

**Dark Pattern Buster Hackathon DPBH 2023 (Finalist)** 🔗

**Oct 2023**

*IIT-BHU, Varanasi*

- Developed an **AI-based Browser Extension** to detect **Dark Patterns** in e-commerce websites.
- Integrated **BERT** and **XLNet** models using **Python** to enhance pattern detection.