

Tejas Detroja

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EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Computer Science; **CGPA: 8.22**

Gandhinagar, India

Oct. 2022 – Present

EXPERIENCE

The Special Character - Software Developer Intern

May 2025 – July 2025

Ahmedabad, India

- Designed the architecture and implemented **SportsWalla**, a box cricket and venue booking platform featuring calendar integration for seamless scheduling
- Migrated a legacy e-commerce platform to a modern tech stack using **Medusa** and **Payload CMS**, enhancing product management and content updates for Brazilian brand Yogateria with 500+ daily new users
- [Certificate](#)

PROJECTS

ReadyGo - Ride Sharing Platform | *MERN Stack, Socket.IO, Map API* | [Source Code](#) | [Live](#)

- Developed a responsive web ride-sharing application using React (Vite) and Tailwind CSS
- Implemented real-time location tracking and ride matching using Socket.IO and Maps API integration
- Built secure authentication system with JWT tokens and implemented role-based access control
- Designed and optimized MongoDB database schema for efficient storage of user profiles
- Deployed the platform on Vercel and Render, achieving 99.9% uptime

Expense Tracker - Personal Finance Manager | *MERN Stack, Passport.js, Chart.js* | [Source Code](#) | [Live](#)

- Built a comprehensive financial management platform with real-time expense tracking
- Developed RESTful APIs using Node.js and Express.js with secure authentication via Passport.js
- Implemented dynamic data visualizations using Chart.js for spending trends and financial insights
- Created responsive UI with React.js and Context API for seamless state management across components
- Integrated file download system using Multer and optimized MongoDB queries for efficient data processing

Sudarshan - Aadhaar Verification System | *Blockchain, Python, MERN, OCR, DevOps* | [Source Code](#) | [Live](#)

- A tamper-proof Aadhaar verification generation using Blockchain AI
- Applied Verhoeff Algorithm to validate Aadhaar numbers
- Implemented a custom blockchain-like DB (doubly LL structure) to replace centralized UIDAI Aadhaar card workflows for verification of 1.3B+ citizen records using OCR-based AI image recognition
- Built FastAPI microservices for modular blockchain logic and seamless system integration
- Achieved 95% accuracy in document verification with sub-second processing time

TECHNICAL SKILLS

- **Languages:** C/C++, JavaScript, Python, SQL, TypeScript
- **Frontend:** CSS, HTML, React.js, React Native, Tailwind CSS, Next.js
- **Backend:** Express.js, FastAPI, Firebase, Node.js, RESTful APIs, Socket.IO
- **Databases:** Firestore, MongoDB, MySQL, PostgreSQL
- **DevOps & Tools:** Git, GitHub Actions, Postman, Render, Vercel

HACKATHON & RELEVANT COURSEWORK

- Selected in Top 10, "Tic Tac Toe" Hackathon at DAIICT College (April 2025)
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Computer Networks (TCP/IP), Database Management Systems, Advanced Web Technology, Machine Learning, Software Engineering