Mann Patel

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EDUCATION

Parul University Vadodara, Guj, IN
Bachelor of Technology, Computer Science and Engineering *June 2022 – 2026*

Kendriya Vidyalaya No 1 Vadodara, Guj, IN
12th CBSE *April 2021 – May 2022*

EXPERIENCE

Java Programming Intern May 2025 – June 2025
CODTECH IT SOLUTIONS PVT. LTD *India (Remote)*
- Completed an intensive 4-week internship focused on core Java programming, OOP concepts, and software development best practices.
- Worked on real-time assignments to enhance coding skills and software engineering principles.
- Collaborated on real-time assignments that enhanced understanding of data structures and improved problem-solving accuracy by 60%.
- Utilized online resources and Java documentation to resolve coding challenges, boosting implementation accuracy by 80%.

PROJECTS

CrackIt.AI | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Python (Flask),Render(Deployment)*
AI-Powered Placement Preparation Platform
- Built an AI-powered placement platform generating personalized study roadmaps using AI.
- Implemented AI-driven feedback and progress tracking, improving preparation efficiency by 75%.
- Integrated real-time company chatrooms with Socket.io and designed responsive dashboards for progress tracking.
- Optimized backend APIs for authentication and roadmap management, reducing latency by 60%.

FinHack | *MongoDB, Express.js, React.js, Node.js*
Financial Management Web App
- Developed a MERN-based financial management app for tracking expenses and loans.
- Implemented JWT authentication and built dynamic Chart.js dashboards, increasing user engagement with financial insights by 65%.
- Added CSV export and client-side filtering to improve usability by 50%.

NoNap Drive | *Python, OpenCV, dlib, pygame*
Driver Drowsiness Detection System
- Built a real-time driver drowsiness detection system using facial landmark tracking and EAR/MAR metrics.
- Triggered buzzer and SMS alerts during drowsiness events, improving driver response time by 80%.
- Developed modular scripts for detection, alerts, and optional SMS notifications.

TECHNICAL SKILLS

Languages: Java(Intermediate), HTML, CSS, JavaScript, SQL
Frameworks & Libraries: React.js, Node.js, Express.js
Databases: MongoDB, MySQL
Developer Tools: Git, GitHub, VS Code, IntelliJ, Android Studio

CERTIFICATIONS / ASSESSMENTS

Vadodara Hackathon 6.0 – Participated in hackathon, contributing to the development of a real-world solution and demonstrating teamwork, innovation and problem-solving skills.

Parul Hackverse 2025 – Contributed to solution design and development during Parul University's official hackathon.

CDC Global FunFest 2023–25 – Coordinated technical logistics during large-scale student engagement events, Oct 2023 – Jan 2025.

NPTEL: Computer Networks and Internet Protocol – Completed 12-week course (Score: 69/100), Jan–Apr 2024.