

Mann Patel

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EDUCATION

Parul University <i>Bachelor of Technology, Computer Science and Engineering</i>	Gujarat, India 2022 – 2026
Kendriya Vidyalaya No 1 <i>12th CBSE</i>	Gujarat, India 2022
Kendriya Vidyalaya No 1 <i>10th CBSE</i>	Gujarat, India 2020

EXPERIENCE

Java Programming Intern <i>CODTECH IT SOLUTIONS PVT. LTD</i>	May 2025 – June 2025 <i>India (Remote)</i>
<ul style="list-style-type: none">Completed a 4-week internship focused on core Java programming and software development practicesWorked on real-time assignments to enhance coding skills and software engineering principlesIndependently completed projects and exercises to demonstrate practical application of Java conceptsUsed online resources to resolve coding challenges and improve implementation efficiency	

PROJECTS

NoNap Drive <i>Python, OpenCV, dlib, pygame, Twilio</i> Driver Drowsiness Detection System	December 2024 – April 2025
<ul style="list-style-type: none">Built a real-time driver drowsiness detection system using facial landmark tracking via dlib and OpenCVCalculated Eye Aspect Ratio (EAR) and Mouth Aspect Ratio (MAR) to detect signs of fatigue or yawningTriggered buzzer alerts using pygame for immediate driver feedbackIntegrated Twilio API to send SMS alerts to emergency contacts during critical drowsiness eventsDeveloped modular scripts for core detection, alerts, and optional SMS notifications	
FinHack <i>MongoDB, Express.js, React.js, Node.js, Tailwind CSS</i> Financial Management Website	November 2024 – April 2025
<ul style="list-style-type: none">Developed a full-stack MERN web application for financial education, expense tracking, and loan managementBuilt CRUD APIs for articles and expenses; implemented JWT-based authentication for secure user sessionsVisualized financial data using Chart.js for dynamic expense and loan dashboardsEnabled CSV export of expense data and implemented client-side filtering and search functionalityDesigned a responsive and clean UI using Tailwind CSS for a smooth user experience	

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS

Frameworks & Libraries: React, pandas, NumPy, Matplotlib

Developer Tools: Git, Visual Studio, IntelliJ, Eclipse, Android Studio

CERTIFICATIONS / ASSESSMENTS

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

Python Programming Course – Completed foundational course covering core Python concepts and logic building

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

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