

NISHANT MEHTA

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About Me

I'm a versatile individual with a passion for both design and technology. From creating eye-catching graphics to building user-friendly websites, I love bringing ideas to life through visual and digital design. I also enjoy the challenge of competitive programming, always looking to sharpen my coding skills. Whether it's designing or coding, I'm driven by the goal of turning ideas into real solutions that make an impact.

Education

Faculty of Engineering Sciences and Technology, Adani University, Ahmedabad, India	2022 - 2026
• ICT(Information and Communication Technology) CGPA: 7.25	
Kendriya Vidyalaya No.1, Sec-30, Gandhinagar, Gujarat, India	2020 - 2022
• CBSE (Class XII), Aggregate: 73.6%	
Kendriya Vidyalaya No.1, Sec-30, Gandhinagar, Gujarat, India	2019 - 2020
• CBSE (Class X), Aggregate: 87.8%	

Skills

UI/UX | Figma | React | JavaScript | HTML | CSS | Tailwind CSS | NodeJS | Git | MongoDB | MySQL | Gen AI

Projects

Project 1: E-Library with User-Based Recommendation System

Description: A web-based E-Library platform that enables users to search, save, and access books with personalized recommendations, enhancing the reading experience through an intuitive and interactive UI/UX.

- Developed an intuitive UI/UX for seamless book discovery, search, and categorization.
- Implemented recommendation algorithms, authentication, and user role management.
- Focused on frontend development using React for a smooth and engaging experience.

Project 2: AI-Powered Retail Investor Dashboard

Description: A smart investment platform designed to assist retail investors in portfolio tracking, risk analysis, and AI-driven financial predictions, ensuring informed decision-making.

- Built an AI-powered dashboard for real-time portfolio insights and investment recommendations.
- Integrated tax calculators, goal-setting tools, and a chatbot for financial guidance.
- Focused on frontend design with React to ensure an intuitive and user-friendly experience.

Achievements

- **Research Publication:** Published "*Revolutionizing Data Centre Sustainability: The Role of Machine Learning in Energy Efficiency*" in IEEE IATMSI-2024, exploring ML-driven energy efficiency for sustainable data centers.
- **Code Relay Competition Winner:** Secured 2nd place in Code Relay: DSA Competition, achieving efficient coding solutions under time constraints.
- **Hackathon Winner:** Secured 1st place at *Ingenious Hackathon 6.0*, hosted by Ahmedabad University on March 22-23, 2025, by developing an innovative solution that showcased technical excellence, problem-solving, and creativity under intense competition.