Nandini Saxena

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B.Tech Computer Science student with strong foundations in Data Structures and Algorithms, and hands-on experience in MERN stack development. Focused on building scalable, user-centric web applications with practical UI/UX experience. Actively seeking software development opportunities to apply technical skills to real-world challenges.

Education

Indian Institute of Information Technology, Vadodara   September 2023 – Present
Bachelor of Technology in Computer Science and Engineering; CPI: 7.76/10

Shirdi Sai Public School, Moradabad   April 2022 – May 2023
Intermediate; Percentage: 96%

Skills

Programming Languages: C, Java, Python
Development Skills: Frontend (HTML, CSS, JavaScript, React), Backend (Node.js, Express.js), Database (SQL, MongoDB)
Core CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems
Tools & Platforms: Visual Studio Code, Git, GitHub, Canva, Figma, Postman, Firebase CLI, Linux
Soft Skills: Team Collaboration, Problem Solving, Communication, Leadership, Time Management

Projects

PDFEase – A PDF and DOC Management App
- Developed a comprehensive application supporting file merging, compression, encryption, and annotation.
- Utilized Python for backend logic and designed a user-centric frontend.
- Built custom tools for page reordering, editing, and password-protected file access, improving workflow efficiency by 60%.

MealMate - A Food Waste Management Platform
- Engineered a full-stack web application connecting NGOs, donors, and recipients to streamline food redistribution.
- Developed a secure JWT-based authentication with role-based dashboards for NGOs, donors, and volunteers.
- Integrated RESTful APIs and MongoDB Atlas to streamline donation workflows, reducing manual coordination by 70%.

Professional Experience

Full-Stack Developer Intern, Lummra   August 2025 – November 2025
- Contributed to an AstroTech mobile app using React Native + ExpoGo, TypeScript, and Figma.
- Built UI components, integrated APIs, and optimized frontend performance.
- Developed backend routes with Node.js & Express and collaborated on end-to-end features.

Certifications & Achievements

- Completed the GeeksforGeeks Full-Stack Developer Bootcamp, working on 3+ projects using MERN stack and REST APIs.
- Selected as a contributor for GirlScript Summer of Code 2025 and GirlScript Summer of Code 2024 Extended.
- Solved 500+ DSA problems across platforms such as LeetCode, CodeChef, and GeeksforGeeks, and actively participated in 15+ coding contests, enhancing algorithmic thinking and problem-solving speed by 30%.

Clubs, Events & Leadership Roles

- **Design Co-Lead, IIIT Vadodara Finance and Consulting Club** (August 2024 - July 2025): Led the design initiatives for social media posts and event promotions; conducted a Canva design workshop for 50+ students; coordinated with cross-functional teams to enhance event visibility and student engagement.
- **Organizer, Prudentia 2024 (National Level Trading Simulation Competition, IIIT Vadodara)**: Contributed to content creation, PR, and marketing; played a key role in event outreach, strengthening organizational and collaborative skills.
- **Member, Microsoft Learn Student Ambassador, IIIT Vadodara** (September 2024 - Present)