LUV PATEL

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Education

Nirma University	**July 2023 – Present**
*B.Tech. in Computer Science (**CGPA: 8.31 / 10**)*	*Ahmedabad, Gujarat*

Relevant Coursework

Data Structures and Algorithms	Web Technologies	Database Management System
Object Oriented Programming	Operating System	

Projects

EV Rental Platform | Live Link – React.js, Node.js, Express.js, MongoDB, JWT, Cloudinary, Nodemailer

- Built a full-stack EV rental app with **QR-based booking**, **secure auth**, and smart station search.
- Integrated **wallet dashboard**, email flows, and **Cloudinary** for damage tracking.

Interactive Portfolio | Live Link – Next.js, Framer Motion, TypeScript, Supabase

- Built an interactive portfolio featuring command panel, draggable UI, device-specific layouts, and real-time constellation messaging with Supabase.

CollabDraw | Link – Next.js, TypeScript, Prisma, PostgreSQL, WebSockets

- Designed a real-time collaborative whiteboard with WebSocket-based sync, achieving sub-**100ms latency** and optimized state consistency—an alternative to Excalidraw.

Positions of Responsibility

CSI Nirma University — General Secretary   **Aug 2025 – Present**

- Managing chapter operations and coordinating flagship events with **1,000+ participants**.
- Driving outreach and collaborations to expand membership and industry engagement.

CSI Nirma University — Backend Developer   **Jan 2025 – Aug 2025**

- Built and optimized the chapter's backend with **Node.js, Express, MongoDB**, handling **1.1M+ requests**.
- Developed event workflows and deployed a **multiplayer game** for flagship events.

Leadership & Teamwork

- **HackNUthon 6.0 – Core Team** • Helped organize a **48-hour hackathon** with **1,500+ registrations** and **1,000+ participants**.
- **Coder's Hunt – Team Lead** • Led a **4-member team** to build a gamified multiplayer event for **100+ participants**.
- **CUBIX'25 – Executive Committee** • Co-organized **6 events** with **250+ attendees**.

Skills

Languages	C++, Python, SQL, JavaScript
Frameworks & Libraries	ReactJS, NodeJS, ExpressJS, NextJS, Flask
Database	Relational DB concepts, MongoDB, PostgreSQL
Soft Skills	Problem-solving, teamwork, leadership, self-learning

Achievements

- **Breach 2025 – FinTech Hackathon | 1st Place** • Won **1st place** at PDEU's flagship hackathon among top teams. **Certificate**
- **Competitive Programming** • Solved **300+ problems**. Codeforces: **Pupil (1216)** Profile, CodeChef: **2 (1430)** Profile