

Nirav Maheta

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Education

Adani University

July 2023 – July 2027

B.Tech. in Computer Science and Engineering

- CGPA: 7.73/10
- **Coursework:** Database Management Systems, Operating Systems, Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Machine Learning, Distributed Computing, IOT

Skills

Languages and Frameworks: Typescript, Python, Next.js, React, Javascript, Java, Flask, SQL, C++

Tools: Git, GitHub, Linux, Docker, Google Cloud Platform, Azure, CI/CD, ZShell

Projects

Hive



- Built a multi-tenant headless CMS for structured content and metadata with clean, framework-agnostic API access.
- Redesigned architecture for clearer schema modeling, reliable CRUD flows, and better developer experience.
- Implemented content models, revision tracking, metadata pipelines, and polished documentation.
- **Tech:** TypeScript, React, ShadCN, TailwindCSS, Express.js, PostgreSQL, Drizzle ORM.

Retaliate



- Implemented a lightweight React-like library with a Virtual DOM, Fiber reconciliation, and incremental rendering.
- Added JSX support via esbuild, along with a hot-reload dev server and production build pipeline.
- Built custom renderer logic, diffing algorithm, and core DOM reconciliation architecture.
- **Tech:** JavaScript, esbuild.

EveryNyan



- Built an anonymous platform for students to share thoughts with privacy-first design and real-time updates.
- Created smooth posting, interaction, and feed rendering experiences using a clean, responsive UI.
- Achieved over 120 active users within the first month of launch.
- **Tech:** TypeScript, React, Next.js, Firebase.

Roadsafe



- Built a mobile-first platform for reporting accidents and hazards with real-time updates.
- Designed fast, minimal UI optimized for emergency use cases and quick reporting flows.
- Developed during Techathon 2025 as a complete 24-hour hackathon project.
- **Tech:** TypeScript, Next.js, Supabase.

Leadership and Achievements

President, Adani Student's Programming and Development Club (ASPDC)

Aug 2024 – Present

- Leading ASPDC initiatives, managing technical events, workshops, and community programs that support developer growth across the university.
- Mentoring students on real-world software development, version control practices, and project planning.

Git and GitHub Workshop Instructor

Sept 2025

- Conducted a three-hour hands-on workshop teaching Git fundamentals, GitHub workflows, branching, and collaborative development.

Web Development Bootcamp Instructor

Aug 2025

- Delivered a full-day bootcamp covering HTML, CSS, JavaScript, and core modern web development foundations for beginners.

Winner, Techathon 2025

Jan 2025

- Secured first place for building Roadsafe, a real-time accident reporting and community awareness platform developed in a 24-hour hackathon.