

Adarsh Singh

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EDUCATION

Vivekanand Education Society's Institute of Technology, Chembur
BE in Information Technology

CGPA: 9.51
June 2024 - May 2028

EXPERIENCE

Sports Reconnect Internship Programme
SDE Intern

Mumbai, Maharashtra
Dec 2025 - Mar 2026

[\[Github Link\]](#) | [\[Preview\]](#)

Accomplished streamlined athlete profile management as measured by **reducing manual resume updates by ~70%** and improving media load efficiency, by engineering structured **MongoDB schemas**, a dynamic **Next.js 16** frontend, and an optimized **Cloudinary-based media pipeline** for images and videos.

PROJECTS

Secure Ephemeral Messaging Platform

Personal Project

[Github Link](#) | [\[Preview\]](#)

Dec 2025 - Jan 2026

- Engineered a **privacy-focused real-time chat system** as measured by **enforcing a strict 2-participant room limit** with zero unauthorized joins, by building a **type-safe communication layer** using **Next.js 16**, **ElysiaJS**, **Upstash Realtime**, and **Eden Treaty**.
- Implemented an **ephemeral messaging lifecycle** as measured by **automatic destruction of 100% chat rooms and message data** after a **fixed 10-minute session** window, by designing a self-destructing infrastructure on **Upstash Redis** using **TTL-based eviction** and **custom middleware enforcement**.

Foodie - Food Delivery App

StackHack3.0 by Mercer Mettl

[Github Link](#) | [\[Preview\]](#)

Nov 2025 - Dec 2025

- Delivered an **end-to-end food ordering experience** as measured by **simulating the complete order lifecycle** from placement to delivery across multiple application states, by **implementing AI-assisted ordering and real-time order tracking** in a **Next.js 15** stack.
- Led a 2-member team at **StackHack 3.0 (Mercer | Mettl)** as measured by **successful end-to-end project submission** within hackathon timelines, by coordinating feature development, task allocation, and final integration.

RoamIQ - Trip Itinerary Planner

Gradguide by Computrain

[Github Link](#) | [\[Preview\]](#)

Oct 2025 - Nov 2025

- Developed an **intelligent, end-to-end travel itinerary generator** as measured by producing **100% real and verifiable locations** across multi-day plans with real-time streamed responses, by building a **Next.js 15** application that **integrates local Llama 3 models** with **TomTom and SerpAPI** and leverages **React Server Components** for streaming and a custom reasoning-visualization UI.
- Delivered this project **as a technical assignment** for the **GradGuide Internship by Computrain**, measured by meeting functional, accurate, and architectural needs within the evaluation timeline, by independently designing and implementing the complete system.

EduScheduAI

Smart India Hackathon 2025

[Github Link](#) | [\[Preview\]](#)

Sep 2025 - Oct 2025

- Developed a **smart academic scheduling system** measured by **alignment with NEP 2020 guidelines**, by implementing **constraint-driven, conflict-free schedule generation and secure distribution** using **Next.js 15**, **MongoDB**, **JWT-based authentication**, and **jsPDF exports**.
- Led a 5-member team in **Smart India Hackathon 2025**, by **coordinating problem analysis, task allocation, and end-to-end solution development** under competitive timelines.

ACTIVITIES AND LEADERSHIP

- Open-source contributor** to **Sugar Labs** ([sugarlabs/www.v2](https://sugarlabs.com)) with **2 merged pull requests**, delivering **production-grade frontend improvements** through UI standardization, enhanced user interactions, and maintainer-approved UX features including bento-style layouts, 3D interactions, and media controls.
- Open-source contributor** to **Cal.com** ([calcom/cal.com](https://cal.com)), delivering **reviewed and accepted frontend improvements** by enhancing in-app focus through modal-based content restructuring and resolving layout and usability issues in line with project contribution standards.

SKILLS

Programming: Java, Python, TypeScript

Frameworks & Libraries: ReactJS, NextJS, WebGL

Backend & Databases: NodeJS, ExpressJS, NoSQL, SQL, JWT,

Styling & UI: Tailwind V4, Shadcn UI, GSAP

Dev Tools & Platforms: Git, Jenkins, Apache Ant, Selenium, Firebase, Vercel, Docker, Kubernetes, Figma