

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

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

StackHack3.0 by Mercer Mettl  
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  
[Github Link](#) | [\[Preview\]](#)

Gradguide by Computrain  
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.

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

Smart India Hackathon 2025  
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