

Adarsh Singh

anexus5919@gmail.com | +91 93244 49044 | linkedin.com/adarsh | github.com/anexus5919 | Portfolio-anexus

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

Fraud-Proof KYC Verification System

Github Link | Preview | Preview(Admin)

Genesis 2026 by QuestIT Cell

Jan 2026 - Feb 2026

- Engineered a **real-time fraud-resistant KYC verification system** as measured by secure facial authentication and spoof detection, by integrating MediaPipe landmarks with **InsightFace ArcFace** using FastAPI.
- Built a scalable biometric identity-matching pipeline as measured by efficient vector similarity search and reliable face-to-ID verification, using **PostgreSQL + pgvector with a React/Vite capture interface**.

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 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.

ACTIVITIES AND LEADERSHIP

- Open-source contributor to **Sugar Labs (sugarlabs/www.v2)** 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 **Frappe LMS (frappe/lms)** with **2 merged pull requests**, resolving **critical UI and state-management bugs** by reindexing lessons after deletion and fixing sidebar overlaps, improving lesson consistency and instructor workflow.

SKILLS

Programming: Java, Python

Frameworks & Libraries: ReactJS, NextJS, Three.js

Backend & Databases: NodeJS, ExpressJS, Bun, NoSQL, SQL, PostgreSQL, pgVector

Styling & UI: Tailwind, Shadcn UI, GSAP

Dev Tools & Platforms: Git, Jenkins, Firebase, Vercel, Docker, Figma