

# Anshu Prakash Hindoyar

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LinkedIn

Github

LeetCode

## EDUCATION

### •Ramaiah Institute of Technology, Bangalore

*Bachelor of Engineering in Electronics and Telecommunications*

2022-26

CGPA: 7.7

### •Narbheram Hansraj English School, Jamshedpur

*ISC*

2020-22

89.75%

## EXPERIENCE

### •Tata Steel UISL – Internship Trainee

(March - April 2025)

- Developed a computer vision-based people counting system for automated office attendance.
- Curated and trained a 15,000-image dataset using Roboflow, evaluating ByteTrack and DeepSORT for improved tracking accuracy.
- Built a real-time attendance prototype as an alternative to manual RFID-based systems.

## PROJECTS

### •Chatify - A Messaging App

[Live Demo](#) | [GitHub](#)

*A messaging platform built using the MERN stack with a focus on secure and scalable communication.*

- Built a real-time chat application using Socket.IO, reducing server overhead compared to traditional HTTP polling.
- Designed a secure backend with JWT authentication, media uploads via Cloudinary, and API rate limiting with Arcjet.
- Optimized client-side state management using Zustand to reduce unnecessary UI re-renders.
- Implemented user authentication, private chats, and message persistence with MongoDB.

### •AI ThumbnailGen

[GitHub](#)

*A SaaS application that uses AI to create thumbnails based on video concepts, with a credit-based monetization system*

- Built a scalable MERN app integrating OpenAI DALL-E 3 with an automated pipeline to process and store generated media in AWS S3.
- Used Supabase to securely store user profiles and remaining credit balances, with Google OAuth for secure and seamless sign-in.
- Implemented secure server-side payment verification for Razorpay transactions, ensuring reliable credit allocation and consistency between successful payments and user balances.

### •MERN Authentication System

[GitHub](#)

*A backend-focused authentication system implementing secure and scalable user identity workflows.*

- Developed RESTful APIs including signup, login, email verification, password reset, and logout.
- Implemented time-bound tokens for email verification (24h OTP) and password reset (secure expiring links)
- Integrated JWT-based authentication with hashed passwords and Nodemailer for email delivery and testing during development.

## TECHNICAL SKILLS

**Languages:** C++, SQL, Python

**Web Development:** HTML, CSS, JavaScript, Node.js, Express.js, React.js

**Libraries & Frameworks:** PyTorch, NumPy, OpenCV, Pandas, C++ STL

**Databases:** MongoDB, PostgreSQL

**Cloud & Tools:** AWS (S3), Supabase, Git, GitHub, Docker, Postman

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, OOPS, DBMS

## LEADERSHIP SKILLS

- **Vice Treasurer, IEEE Sensors Council** – Supported financial operations and contributed to organizing technical events and workshops under the council.
- **Social Media Head, E-Cell Ramiah** – Led content strategy for startup events, increasing engagement and visibility across social platforms.

## ACHIEVEMENTS

- Achieved LeetCode contest rating of **1657** and solved 500+ questions across various platforms.
- Secured **3rd** position in Capture the Flag organised by Google Developers Students Club (GDSC) RIT.
- Secured **1st** position in RIT-techfest- AAVISHKAAR, showcasing problem solving and teamwork.