

Anshu Prakash Hindoyar

☎ +91-7209578131 ✉ anshuprakash55@gmail.com 🔗 LinkedIn 🐙 GitHub 📄 LeetCode

EDUCATION

- **Ramaiah Institute of Technology, Bangalore** 2022-26
Bachelor of Engineering in Electronics and Telecommunications CGPA: 7.7
- **Narbheram Hansraj English School, Jamshedpur** 2020-22
ISC 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.