

Anshu Prakash Hindoyar

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EDUCATION

•Ramaiah Institute of Technology, Bangalore

2022-26

Bachelor of Engineering in Electronics and Telecommunications

EXPERIENCE

•Azilora Technologies - Full Stack Developer Intern

(January 2026 - Present)

- Maintained and enhanced a production inventory management application used by 200+ active users, implementing 20+ client-requested feature updates using **React**, **TypeScript**, and **MongoDB**.
- Translated 15+ business requirements into functional UI components and data workflows, improving inventory accuracy and operational consistency across modules.
- Debugged and refactored existing codebase to improve code maintainability, type safety, and data reliability across frontend and database layers.

•Tata Steel UISL – Internship Trainee

(March - April 2025)

- Developed a computer vision-based people counting system for automated office attendance using **Python**, **OpenCV** and **Deep Learning**.
- Curated and trained a 15,000-image dataset using **Roboflow**, fine-tuned **YOLOv10** for object detection and benchmarked **ByteTrack** and **DeepSORT** to enhance multi-object tracking performance..
- 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.