

Anukool Vikram

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Education

Indian Institute of Technology Bombay
Bachelor of Technology (B.Tech)

Nov 2021 – May 2025
Mumbai, Maharashtra

Technical Skills

Languages & Databases: C, C++, Python, Java, HTML/CSS, JavaScript, TypeScript, Dart, SQL, PostgreSQL, MongoDB
Frameworks & Tools: React, Next.js, Node.js, Django, Flutter, Git, Redis, Docker, AWS (EC2, S3, Lambda, DynamoDb)

Experience

Software Engineer | GlobalLogic – Bangalore Aug 2025 – Present

- Delivered **5+** high-quality UI components enhancing navigation, search experience with filters, and app's responsiveness
- Maintained **90%+** unit test coverage for all new components using **Jest**, ensuring high code quality and catching bugs
- Implemented data retrieval from **DynamoDB** to **S3** for a microservice, validating data integrity using **Lambda** function

Software Developer Intern | Soaron Aerospace – Hyderabad May 2024 – Jun 2024

- Developed the complete frontend of a drone booking platform with **10+** components using **Flutter** on Android Studio
- Integrated **15+** RESTful APIs for essential features, including authentication, payment, drone search, and order tracking
- Reduced load times for critical screens by optimizing **5+** high-traffic API endpoints through database query refactoring

Software Engineer Intern | IITB Research Park – Mumbai Aug 2024 – Sep 2024

- Built a **React** and **Django** registration portal to manage research related projects for **50+** employees and **100+** clients
- Architected SQL database and created **10+** RESTful APIs to manage user data, authentication, registration and approval
- Delivered **6+** key features, from application submission to management dashboard, improving the task completion time

Projects

Housing Society Management Portal | React, Node.js, PostgreSQL May 2025 – Jul 2025

- Engineered a full-stack management platform allowing societies to handle **1k+** resident profiles and **100+** documents
- Secured the portal using **JWT** authentication and a **3-role** access control system, streamlining the administrative tasks
- Leveraged **Cloudinary** for media management and deployed the portal on **Render**, maintaining **99.9%** service uptime

Real-time Coding Editor | React, Node.js, WebSockets Jan 2025 – Feb 2025

- Implemented a real-time coding editor using **React** and **Node.js** with **WebSockets**, supporting **10+** concurrent users
- Modeled room and presence with **4+** core events and in-memory state for newcomer sync with **100ms** update latency
- Added **online execution** for JS/ Python and deployed on serverless platform with strict CORS and HTTPS WebSockets

Amazon Price Tracker | NextJs, MongoDB, NextAuth Nov 2024 – Dec 2024

- Developed a amazon price tracker with **Next.js**, **MongoDb**, and **NextAuth** for secure, user-specific product monitoring
- Engineered an automated backend service using **cron jobs** for daily price scraping and **Nodemailer** for real-time alerts
- Implemented parsing with **Cheerio** and ensured scraping reliability by integrating **ScraperAPI** to bypass bot-detection

Achievements & Extracurricular

- Ranked in top **3%ile** in the highly competitive **JEE Advanced** and top **1.2%ile** in the **JEE Main** examination (2021)
- Received **Exemplary Design** award for a high-performance **RC Plane** by the IITB Electronics and Robotics Club (2024)
- Solved **500+** problems on platforms **LeetCode**, **Codeforces**, **CodeChef** covering Data Structures and Algorithms (2025)