

# Anukool Vikram

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## Education

Indian Institute of Technology Bombay (IIT Bombay)

Nov 2021 – Apr 2025

Bachelor of Technology (B.Tech)

CGPA: 7.85/10

## Professional Experience

**Software Engineer** | GlobalLogic – Bangalore

Aug 2025 – Present

- Built an AppSync resolver integrating AWS Lambda and DynamoDB to expose unhealthy drive reports via GraphQL APIs
- Strengthened role-based access control to prevent privilege escalation and block unauthorized access to API endpoints
- Optimized frontend responsiveness and navigation across **5+** core modules, improving search and filtering usability
- Maintained **95%** unit test coverage for Vue components, establishing a framework that reduced production regressions

**Software Engineer Intern** | Soaron Aerospace – Hyderabad

May 2024 – Jun 2024

- Built the end-to-end Flutter frontend for a drone booking platform, delivering 10+ components used in core user flows
- Integrated **15+** REST APIs for authentication, payments, drone search, order tracking across multiple feature modules
- Optimized SQL queries and API response handling, reducing load time of critical user flows by **30%** under real usage

**Full Stack Software Engineer Intern** | IITB Research Park – Mumbai

Aug 2024 – Sep 2024

- Developed a React and Django based web portal used by **50+** internal employees and **100+** external research clients
- Designed normalized relational SQL schema and implemented **10+** REST APIs for onboarding, approvals, and RBAC
- Improved operational efficiency by automating registration and approval workflows through secure admin dashboards

## 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

**Price Intelligence Dashboard** | Next.js, Node.js, MongoDB

Nov 2025 – Dec 2025

- Built a full-stack platform to track daily price trends for 50+ Amazon products with historical analytics and visual charts
- Engineered backend with scheduled cron jobs, scalable price scraping, and automated alerting via email notifications
- Designed an interactive UI with advanced filtering and trend analysis, improving user savings decisions significantly

## Technical Skills

**Languages:** C++, Java, Python, JavaScript, TypeScript, SQL | **Devops:** AWS (EC2, S3, Lambda), Docker, GitHub, CI/CD

**Development:** React, Next.js, Node.js, Django, REST APIs, WebSockets, OAuth, PostgreSQL, MongoDB, DynamoDB, Redis

## Extracurricular

- Ranked in top **3%ile** in the highly competitive **JEE Advanced** and top **1.2%ile** in the **JEE Main** examination in 2021
- Received an **Exemplary Design** award for a high-performance **RC Plane** by the IITB Electronics and Robotics Club
- Attained the highest possible grade (**AA**) in 5+ advanced courses, demonstrating exceptional academic performance