

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