

# Anuj Dangi

Integrated Masters in Technology,  
Computer Science and Engineering  
University of Hyderabad, Hyderabad

+91-9784299204  
✉ anujdangi8722@gmail.com  
🐙 GitHub Profile  
🌐 LinkedIn Profile  
🔗 Leetcode Profile

## EDUCATION

---

- **Intermediate** 2021-22  
MD School, Jhunjhunu Score: 95.6%
- **Integrated Masters in Technology (Computer Science Engineering)** 2023-28  
University of Hyderabad, Hyderabad Cgpa: 8.6

## PERSONAL PROJECTS

---

### •Real time chat application [🔗]

Built a fully functional real-time chat app using the MERN stack with the following features and tools:

- Real-Time Communication: Integrated Socket.IO for instant bi-directional messaging
- Authentication: Secured routes using JWT authentication
- UI/UX: Styled using Tailwind CSS and DaisyUI for a modern, responsive design
- Deployment: Implemented CI/CD pipeline and deployed using Render for seamless updates and hosting
- **Technologies:** MERN stack, socket.io, JWT, Tailwind Css, Daisy UI.

### •Budget Buddy [🔗]

A mobile based expense tracking and budgeting platform to help users manages their daily finances effectively.

- Allow users to record expenses and categorize them with real-time data visualization.
- Support user authentication, goal setting, and budget limit alerts.
- Technologies Used: Android, Django, MongoDB, Firebase, OpenAI.

### •Tiny Oscilloscope [🔗]

Smartphone-Integrated Oscilloscope Using Raspberry Pi Pico

- Utilizes Raspberry Pi Pico as the core processing unit, leveraging its ADC (Analog-to-Digital Converter) for signal acquisition.
- Communicates with a smartphone via USB OTG, eliminating the need for an external display.
- **Technologies:** Micro Python, ADC, Scopy.

### •University Career Application (Terminal-Based Java Application) [🔗]

Developed a pure Java-based career management application without using traditional data structures like file systems or databases.

- Implemented ArrayList and HashMap for efficient data storage and retrieval of students, alumni, recruiters, and administrators.
- Provided core features including profile management, job postings, applicant tracking, and administrative controls.
- **Technologies:** Java

## TECHNICAL SKILLS AND INTERESTS

---

**Languages:** C/C++, Python, Javascript, HTML+CSS, Java, Kotlin

**Libraries and Frameworks:** ReactJs, Tailwindcss

**Web Dev Tools:** Nodejs, Express.js, Apache, Php, Bootstrap, TypeScript, JQuery

**Cloud/Databases:** MongoDB, Relational Database (MySQL), Firebase, Azure

**Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Software Engineering.

**Areas of Interest:** Android development, Machine learning, Networking, Security software development

## CERTIFICATIONS

---

### •IBM Full Stack Software Developer Professional Certificate (Coursera)

Completed 14-course specialization covering frontend, backend, cloud-native development Issued Jan 2025

### •Developing Back-End Apps with Node.js and Express (Coursera)

Implemented REST APIs, middleware, and MongoDB integration Issued Jan 2025

## LEADERSHIP AND ACTIVITIES

---

### •TechnoClub Club Member – University of Hyderabad

2023 – Present

- Participated in organizing coding contests, hackathons, and tech talks for fellow students..