Anuj Dangi

Integrated Masters in Technology
University of Hyderabad, Hyderabad

☎ +91-9784299204
✉ its.anuj.dangi@gmail.com
⊘ GitHub Profile
in LinkedIn 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

• **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, Scoppy.

• **Alumni Scraper with Express API [⊘]**

A Node.js backend service that scrapes alumni data and exposes it via APIs.

- Used Puppeteer to automate data scraping from a protected alumni directory.
- Built RESTful API endpoints to trigger scraping and view the data.
- **Technologies**: Node.js, Express.js, Puppeteer.

• **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

• **Portfolio WebPage [⊘]**

Developed a portfolio using HTML, CSS, and JavaScript only.

- Implemented a responsive personal portfolio to showcase projects and skills.
- Used clean HTML/CSS structure with vanilla JavaScript for interactive components.
- Technologies Used: HTML, CSS, JavaScript.

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

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS, Java
Libraries and Frameworks: ReactJs
Web Dev Tools: Nodejs, Apache, Php, Bootstap, TypeScript, Jquery
Cloud/Databases: MongoDB, Relational Database (MySQL)
Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Software Engineering.
Areas of Interest: Micro-controllers Embedded Systems, Core java
Soft Skills: Problem Solving, Self-Learning, Presentation, Adaptability, Fast Learner, Resilience, Multitasking, Communication, Team Collaboration

LEADERSHIP AND ACTIVITIES

• **TechnoClub Club Member – University of Hyderabad**

2023 – Present

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