

MEHAK RAINA

Faridabad, Haryana, India

☎ (+91) 9205637440 ✉ mehakraina2002@gmail.com in mehakraina2002

EDUCATION

- **Dhirubhai Ambani Institute of Information and Communication Technology(DA-IICT)** **CPI : 7.02**
Bachelor of Technology - Information and Communication Technology 2020-2024
- **Manav Rachna International School, Faridabad** **Percentage : 95%**
Central Board of Secondary Education(CBSE) 2019-2020
- **Manav Rachna International School, Faridabad** **Percentage : 93.4%**
Central Board of Secondary Education(CBSE) 2017-2018

SKILLS SUMMARY

- **Languages:** C, C++, SQL, JavaScript, HTML, CSS, Java, ReactJS, NodeJs, Springboot, Django
- **Tools:** PostgreSQL, Matlab, VS code, LTSpice, AutoCAD, LaTeX, Figma
- **Tech Electives:** Data Structure & Algorithm, OOPs, CN, DBMS, OS, Software Engineering, Distributed Systems
- **Soft Skills:** Adaptability, Problem-solving, Documentation & writing skills, Communication

EXPERIENCE

- **Dhirubhai Ambani Institute of Information and Communication Technology** **Onsite**
Winter Internship Jan 2024 - May 2024
 - Developed a full-stack language learning platform enabling real-time language exchange and cultural understanding.
 - Utilized Django and Pymongo for backend development, MongoDB Atlas for scalable database management, and HTML, CSS, and JavaScript for a responsive frontend.
 - Integrated real-time messaging and video calls.
- **Dhirubhai Ambani Institute of Information and Communication Technology** **On-site**
Summer Research Internship May 2023 - Jul 2023
 - Successfully deployed an IoT project with NodeMCU and temperature/humidity sensors, including custom firmware for real-time data collection and a web interface for remote monitoring
 - Ensured secure data transmission and user authentication, demonstrating end-to-end IoT development skills.
- **Himalayan Institute For Environment, Ecology & Development (HIFEED)** **Onsite**
Rural Internship Dec 2022 - Dec 2022
 - Visited project areas to interact with stakeholders and assess community development programs related to livelihood, education, vocational training, employment, health, and sanitation.
 - Conducted interviews with villagers, especially vulnerable groups, to evaluate the impact of activities such as ecotourism, organic farming, health care, women empowerment, microfinance, agriculture, and skill development.

PROJECTS

Restaurant Management System

- Developed a Restaurant Management System using efficient data structures: Arrays, Linked Lists, Hash Tables, Stacks, and Queues.

Digital Video Game Distribution Database

- Used PostgreSQL and PgAdmin to develop a database system for managing user data, purchases, and in-game achievements on a digital video game distribution platform.

Distributed Banking System

- Developed a distributed banking system using Python and MongoDB Atlas.
- Implemented the Lamport algorithm for mutual exclusion and used Python sockets for client-server communication.

ACHIEVEMENTS

- Completed Prompt Engineering for Chat-GPT Course on Coursera.
- Participated in 30 days of Google Cloud Program and earned google cloud badges on [Qwiklabs](#)
- Participated in debates, elocution, read- aloud and NCC in high school.
- Solved 1500+ problems on coding platforms aloud and NCC in high school.
- Achieved certifications on LinkedIn and Coursera.

INTERESTS

- Sports
- Oratory
- Music
- Culinary
- Reading