

MEHAK RAINA

Faridabad, Haryana, India

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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

- **Prolog Infotech** Remote
Internship Jan 2024 - Aug 2024
 - Developed a full-stack language learning platform enabling real-time language exchange, cultural understanding and real-time messaging and video calls.
 - Django and Pymongo: Backend development, MongoDB Atlas: Scalable database management, and HTML, CSS, JavaScript: Responsive frontend.
- **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 ensuring secure data transmission and user authentication
- **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 and conducted interviews with villagers.

PROJECTS

Portfolio

- Developed a portfolio using React. Vite : For fast build and development. Tailwind CSS : For utility-first styling
Framer Motion: For animations

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 with implementation of Lamport Algorithm.

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
- Achieved certifications on LinkedIn and Coursera.

INTERESTS

- Sports
- Oratory
- Music
- Culinary
- Reading