Maanit Arora

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Linkedin || Github || Leetcode || Portfolio

EDUCATION

B.TECH (Electronics and Communication Engineering)	2022-2026	Delhi Technological University, New Delhi	7 cgpa
CBSE (Class XII)	2022	Modern Era Convent, Janakpuri, New Delhi	94.8%
CBSE (Class X)	2020	Modern Era Convent, Janakpuri, New Delhi	95.6%

EXPERIENCE

Constable on Patrol (COP) Project , Web Developer, Delhi Police: **(March 2024 – May 2024)**

- As a part of the Android and Web Developers team consisting over 20 students, led development of the Delhi Police COP Application, incorporating Crime **Location Mapping and Live Location Tracking** to enhance proactive patrolling and optimize resource deployment.
- Spearheaded future goals for the application, including **Feedback Visibility** for community engagement and **Emergency Alerts** coupled with Crime Detection for rapid response and real-time crime prevention.

USIP Intern (Web Developer , University Student Internship Programme)   **(September 2023 – December 2023)**

- As a part of the **Web Developers team, improved the web structure of the DTU website** improving customer interaction and providing an ease for navigation in the website. Collaborated on enhancing the functionality and user experience of the university website, implementing key features and optimizing user interfaces.

200+ Leetcode Questions in C++   **(January 2024 – Present)**

- Proficient in Data Structures and Algorithms in the language C++, and upskilling problem solving skills.

ACADEMIC PROJECTS

PDF Insight App:

Developed a robust full-stack application allowing users to **upload PDF documents** and ask questions regarding their content. **Leveraged Python FastAPI for the backend**, integrating **LLamaIndex for natural language processing**. Utilized **React.js** for the frontend, ensuring an intuitive user interface. Managed document metadata using **SQLite** and implemented file storage on local filesystem.

VirtuMeet:

Created VirtuMeet, a **Google Meet clone**, using **WebRTC** for video calls, **WebSockets (socket.io)** for real-time communication, and added features like a chatbox, collaborative whiteboard, and screensharing to enhance functionality.

Wordle Game:

Crafted the popular game similar to Wordle with an **intuitive user interface (UI) with HTML and CSS**, and implemented the engaging game logic using JavaScript. Ensured the game's accessibility and smooth experience across devices through responsive design. **Boosted user engagement** by integrating a vast word bank of over **2700+ entries**, maximizing replayability and challenging even the most ardent vocabulary enthusiasts.

POSITIONS OF RESPONSIBILITY

Vice President, StartupX DTU (Society under Government of Delhi)

- Conducted and anchored online workshops on Web Development for Frontend (CSS, Javascript) in last academic session and have been taking several classes consisting of over 50 students about aforementioned topics.
- Responsible for handling technological aspects/needs of the society, hosting websites and assist in decision-making and planning etc.

TECHNICAL SKILLS

Languages	Frameworks	Tools	Libraries
C/C++, HTML, CSS, JS, Python	React, Express, Node, Bootstrap	Git, VSCode	YOLOv6, OpenCV, Pytorch, FastAPI, Flask

ACADEMIC ACHIEVEMENTS AND AWARDS

- Secured 17th rank All Over India in MNIT JAIPUR hackathon
- Qualified for IIT Bombay HACK-AI Hackathon First Round
- Participated in VIHAAN hackathon in DTU