RAHUL

71A Veena Enclave, Nangloi, New Delhi 110041

📞 902-647-8761 ✉ Gmail in LinkedIn ⭘ gitHub

Education

FunctionUp School of Technology	**Aug. 2023 – Present**
Bachelor of Technology in Computer Science and Engineering	*Gurugram, Haryana*

12th,(Senior Secondary Examonation)	**April. 2023**
CBSE Board,60%	*Peeragarhi, New Delhi*

10th,(Secondary Examination)	**May. 2021**
State(U.P)Board,73%	*Basti, Uttar Pradesh*

Relevant Coursework

- Data Structure
- Algorithm
- Frontend Development
- Internet Technology
- Systems Programming
- Computer Architecture

Experience

FunctionUp School of Technology	**Aug 2023 – Pesent**
Trainee at FunctionUp	*Gurugram, Haryana*

- Acquired knowledge of fundamental data structures such as arrays, linked lists, stacks, queues, trees, and hash tables.
- Studied and implemented common algorithms such as sorting (e.g., bubble sort, quicksort), searching (e.g., binary search), and traversal algorithms (e.g., depth-first search, breadth-first search).
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Explored asynchronous programming using callbacks, Promises, and Async/Await to handle asynchronous tasks efficiently.
- Acquired skills in creating visually appealing and user-friendly interfaces by combining HTML and CSS effectively.

Projects

Student Data Management | *Java* — **December. 2023**

- Developed a robust student database system, designing and implementing a structured schema to efficiently store and manage student information.
- Implemented automation features to streamline data entry and updates, demonstrating an ability to enhance workflow efficiency and reduce manual tasks.
- Gained experience in project management, including planning, execution, and monitoring of project milestones and tasks.

Smart Blind Stick for Visually Impaired Individuals | *C* — **November 2022**

- The Smart Blind Stick is an innovative project designed to assist visually impaired individuals in navigating their surroundings more effectively and safely.
- By incorporating various sensors and technologies, the stick provides real-time feedback to the user, helping them detect obstacles and navigate with greater independence.

Automatic Door Lock with RFID | *C* — **Feb 2020**

- This project involves creating a secure and convenient automatic door lock system using Radio-Frequency Identification (RFID) technology.
- The system ensures access control by allowing entry only to individuals with authorised RFID cards or tags.

Technical Skills

Languages: Java, C, HTML/CSS, JavaScript
Developer Tools: VS Code
Technologies/Frameworks: Linux, GitHub, WordPress

Leadership / Extracurricular

Science Fair Event	**Feb 2023**
Team Leader	*SBV Peeragarhi*

- Contributed to the Regional Science Fair, presenting a project titled "Environment Science .".
- Explored how to use garbages as energy sources to decrease pollutions , demonstrating analytical thinking and effective communication.
- Strengthened research and presentation skills, showcasing a commitment to scientific exploration and learning.