TANVI DADU

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SKILLS

I am good at: -

- C++/C
- Java
- Data Structures
- Algorithms
- HTML and CSS
- JavaScript
- MySQL
- Android (currently Learning)

RESUME

EDUCATION

I am currently pursuing B.Tech(Computer Engineering) from **NSIT**, New Delhi(Netaji Subhas Institute of Technology).

Graduation year: 2020

My GPA in first year of college is aggregate of 9 with:

- 8.8 in first Semester
- 9.2 in second Semester (2nd Dept. Rank in 2nd Semester among 200 students)

I completed my schooling from **Apeejay School**, Pitampura New Delhi.

- My CGPA in class 10th is 10.
- I secured 96.6% in my class 12th boards.
- Secured 545 rank in JEE Mains.
- Secured 8032 rank in JEE Advance.

VOLUNTEER EXPERIENCE

- I am currently one of the board member of CSI (Computer Society of India) and am regularly conducting SIG's for freshers and other programming enthusiast. Under my supervision the turnout has improved exponentially.
- I am a board member of Venatus (the gaming society of NSIT) and is very active in conducting different events. I also handle their content department.

CURRENT PROJECTS

Text Editor

(https://github.com/tanvidadu/TextEditor.git)

(main file is project_string.cpp)

I have implement basic Text Editor with basic Undo, Redo, Cut, Copy, Paste, Backspace, Replace, Replace All and Find. These features are implemented via stack, hashing and Recursion. Stack allows us to store previous history, hashing allows us to map different functions implementation to their keys and ascii values. Recursion allows us to in between words and lines.

FUTURE PROJECTS – Learn IT

APP DEVELOPMENT (currently working)

I am currently working on an android app under guidance of Miss Apoorva Bhalla, my allotted mentor under Learn IT initiative (https://www.learnitgirl.com/). The basic functionality of my app would be –

1) A online book store app to promote reading habits among the youth
2) Second part of the project would be to develop a recommendation section.

I will be implementing these features using machine Learning. The crucial part of this project would be to ensure that there is no redundancy while implementing these features.