



Sanskriti

Roll No.:210108042

B.Tech - Electronics and Electrical Engineering

Indian Institute Of Technology, Guwahati

+91-9817350951

sanskriti@iitg.ac.in

sanskritimutreja@gmail.com

Github |

linkedin.com/in/sanskriti-mutreja-81584525a

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	5.75 (Current)	2021-Present
Senior Secondary	CBSE Board	93.0%	2021
Secondary	CBSE Board	94.5%	2019

PROJECTS

- **Music Streaming App**
Self Project
May 2023- June 2023
<https://rb.gy/qvv57>
 - Created a music streaming app like Spotify using **JavaScript**, **React.js**, **CSS** and **Shazam API**.
 - The application offers genre selection, top songs, charts, artists, playback, repeat, shuffle, fast forward, and volume control, with a functional search.
 - This application is mobile responsive.
- **Travel Advisory App**
Self Project
June 2023
<https://rb.gy/mmmv9>
 - Created a Travel Advisory App using **JavaScript**, **React.js** and **HTML**.
 - This application uses **Geolocation API** and **Google Maps API**.
 - This application allows users to Search for places and fetches restaurants, hotels and attractions based on location from specialized **Rapid APIs**.
- **Ping-Pong Game**
Self Project
May 2023
<https://rb.gy/82nj2>
 - Created a multiplayer Ping-Pong game using **C++**.
 - Allows players to play against each other or an **enemy AI**.
 - Also has a score system which shows on the screen.

TECHNICAL SKILLS

- **Programming:** C++, C, Python*, Matlab*
- **Web Technologies:** HTML, CSS, JavaScript, React.js
- **Database Management:** PostgreSQL, MongoDB
- **Miscellaneous:** Node.js, Express.js
- **Operating Systems:** Windows

* Elementary proficiency

KEY COURSES TAKEN

- **Computer Science:** Introduction to Computing, Computing Laboratory
- **Mathematics:** Probability & Random Processes
- **Electronics and Electrical:** Basic Electronics, Control Systems, Analog Circuits, Signals and Systems, Digital Circuits Laboratory

ACHIEVEMENTS

- **JEE Advanced 2021:** Secured **6041** rank out of **1,50,000** candidates appearing for the test.
- **JEE Mains 2021:** Secured **4091** rank out of **10,00,000** candidates appearing for the test.

EXTRACURRICULARS

- **Performing Arts Festival 2022:** Organized a sustainable fashion show at Performing Arts Festival, utilizing donated garments for new clothes, collaborating with student volunteers and managing rehearsals, fittings, and backstage.