



Srishti Murarka

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B.Tech - Electronics and Electrical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.69 (Current)	2021-Present
Senior Secondary	CBSE Board	87.8%	2021
Secondary	ICSE Board	97.2%	2019

PROJECTS

- **GMeet Clone** Jul 2023
Personal Project Github/GMeetClone
 - Developed a full-stack real-time video conferencing web-app, replicating the core features of GMeet.
 - Implemented key functions like group video and audio chat, screen sharing, recording and in-app chat using **Node.js**
 - Used **Socket.io** libraries to establish peer to peer connection.
 - TechStacks used: **Node.js, HTML, CSS, Socket.io.**
- **Real Time Chat** Jul 2023
Personal Project Github/RealTimeChat
 - Developed a **React** based real time chat application that enables users to engage in instant conversations.
 - Implemented key functions like real-time messaging, multimedia sharing, and search functionality.
 - Implemented email authentication using **Firebase** and leveraged **Firestore** for data storage.
 - TechStacks used: **React, Firebase, Firestore.**
- **Quiz App** Jul 2023
Personal Project Github/QuizApp
 - Developed a **Javascript** based interactive quiz application offering functions such as user registration.
 - Added key features like high score tracking and access to a regularly updated database of quiz questions.
 - Fetched trivia questions from **Open Trivia DB API**.
 - TechStacks used: **Javascript, HTML, CSS.**

TECHNICAL SKILLS

- **Programming:** C/C++, Java, Python*
- **Web Technologies:** HTML, CSS, JavaScript Node.js, React*
- **Database Management:** Firebase*, Firestore*
- **Operating System:** Windows, Linux* * Elementary proficiency

POSITIONS OF RESPONSIBILITY

- **Events Head, Cepstrum** Jul. 2023 - Present
 - Responsible for the smooth **conduction of all events** conducted for the student body of EEE department.
 - **Organised** and **ideated** key events like Insight Lecture, Intern Talk, Placement Talk, Freshers's & Farewell Parties.
- **Branch Representative, EEE department** May. 2022 - Jun. 2023
 - Acting as a **bridge** between the **students and professors**, and managing the events conducted by Cepstrum.
 - **Representing** a batch of **50+** students, and overseeing the basic requirements of the department.
- **Core Team, Lecture Series and Pronites, Techniche** Nov. 2022 - Present
 - Co-organised significant events of **North East India's largest techno-management festival.**
 - Responsible for overseeing and inviting **10+ global speakers**, panelists, company heads and various artists.
 - **Orchestrated major events** like Lecture Series, Panel Discussions, Virtual Industry Tours & Guwahati Half Marathon.
 - Spearheading a team of **14** organisers for the module.

KEY COURSES TAKEN

- **Computer Science:** Introduction to computing, Computing Laboratory.
- **Mathematics:** Basic Calculus, Probability & Random Processes, Complex Analysis, Linear Algebra.
- **Electrical and Electronics:** Signals and System, Digital Electronics, Control System, Analog Circuits.

EXTRA CURRICULAR

- **Techniche, Organizer:** co-organised major events of the techno-management fest of IITG.
- **Painting:** secured a junior diploma and placed in the first division.
- **Keyboard:** secured a junior diploma and placed in the first division.

ACHIEVEMENTS

- **Jee Advanced, 2021:** secured a rank of **5658** among **150K** shortlisted candidates. 2021
- **Jee Mains, 2021:** secured a rank of **10162** among **950K** candidates. 2021