



Deepak Singh

Roll No.:210102026

B.Tech - Electronics and Communication

Engineering

Minor in Computer Science and Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.31 (Current)	2021-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	8.00 (Current)	2022-Present
Senior Secondary	CBSE Board	97.0%	2021
Secondary	CBSE Board	98.0%	2019

PROJECTS

- **Weather Website(Group Project)** Website
This website fetches data from OpenWeather API and displays weather and other parameters. Github
 - **Tech Stack:**HTML,CSS,Javascript
 - If user gives access to location,it fetches latitude and longitude of the place and fetches data from the API and returns parameters in JSON format.
 - User can also input location to display weather of that location.
 - Background image of every location is updated using API.
- **Calculator** Website
This is a simple calculator that performs basic mathematical operations by following the BODMAS rule. Github
 - **Tech Stack:**HTML,CSS,Javascript
 - This web based-application allows user to perform basic arithmetic operations with real-time results displayed on the calculator's interface.
 - It also gives an alert when user enter invalid expression.
- **Stopwatch-Timer-Extension** Website
This extension helps you to track your time and activities by providing in browser stopwatch and timer. Github
 - **Tech Stack:**HTML,CSS,Javascript
 - Implemented user-friendly features such as pause, resume, and reset functionality.
 - Used SetTimeout and setInterval function for implementing start,stop,pause,resume and reset functionality.
- **Google-meet-clone** Github
This website allows you to conduct virtual meetings in a similar manner as google meet.
 - **Tech Stack:**HTML,CSS,Javascript,Node.js,Socket.io,PeerJs
 - Used socket.io to establish connection between users.Unique room id is generated for different rooms.
 - Implemented mute,video-off,end call and chat-room using nodejs.Pending

TECHNICAL SKILLS

- **Programming:** C, C++, Javascript, Python*.
 - **Web Development:** HTML, CSS, Node.Js, Bootstrap,EJS.
 - **Miscellaneous:** Express.js, Socket.io, LaTeX*.
 - **Operating Systems:** Windows, MacOS, Linux*.
- * Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes*.
 - **Computer Science:** Introduction to C,Automata Theory,Data Structures and Algorithms*.
- * Ongoing courses

ACHIEVEMENTS

- **JEE Advanced 2021:** secured **AIR 1563** out of 2.5 lakhs candidates.
- **JEE Mains 2021:** secured **AIR 1887** out of 12.5 lakhs candidates.
- **Qualified IOQA 2021:** got selected for **INAO 2021**.
- **Qualified IOQC 2021:** got selected for **INChO 2021**.
- **Codeforces:** Highest Rating **1137**.
- **Codechef:** Highest Rating **1514** (Division 3).