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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.81 (Current)	2022-Present
Senior Secondary	CBSE Board	93.6%	2021
Secondary	CBSE Board	97.4%	2019

PROJECTS

- **Z-Coder** *June 2024*
  Coding Club, IITG t.ly/om3ko ⍟
  - ◇ **Technologies Used:** NodeJS | ExpressJS | HTML | PostgreSQL | CSS | Integrated Compiler
  - – Developed a **Full-stack Web application** to help users manage and solve coding problems effectively, allowing them to **bookmark** their unsolved as well as favourite problems and test their code with **ZCoder Compiler**.
  - – Established **user authentication** and account management with **ExpressJS**, utilizing **PostgreSQL** to store user passwords and IDs, implementing robust **registration and login** functionalities for seamless user interaction.
  - – Crafted a **custom Web Extension** using **JavaScript** for copying URL to bookmarking webpage efficiently.

- **CPP - Chat Prompt Platform** *May 2024*
  Personal Project t.ly/Kk-7d ⍟
  - ◇ **Technical skills Used:** Object-Oriented Programming | C++
  - – Developed an efficient text-based messaging and user management app, having **command prompt interface**.
  - – Developed features including **inbox**, chat, **friend list management**, adding and removing friends, group chat functionality, and log out capability. Implemented user **registration and login** with robust error handling.
  - – Implemented user management using **OOPs in C++**, organizing various functions through **classes and objects**.

- **CueAr** *March 2024*
  Personal Project t.ly/x-uns ⍟
  - ◇ **Technologies Used:** JavaScript | HTML | CSS | Web Application Programming Interface
  - – Developed a web-based QR code generator using **JavaScript**, integrated a **QR code API** for real-time validity and **dynamic updates**. CueAr, designed for ease of use, is currently deployed and accessible on GitHub.
  - – Leveraged **DOM manipulation** techniques and sophisticated **event handling**, ensuring instant real-time updates.

ACHIEVEMENTS

- **Codeforces :** Achieved a peak rating of **1461**, earning the title of **Specialist**. Handle: *This_is_Adroit* 2024
- **Codeforces Round 952, Division-4 :** Achieved the Global Rank of **295** among **40K+** Contestants. 2024
- **Codechef Starters 136, Division-3 :** Achieved the Global Rank of **236** among **12K+** Contestants. 2024
- **Awarded Branch Change to ECE** on achieving **Department Rank 4** among 95+ students in first year. 2023
- **Joint Entrance Examination Advanced 2022 :** Secured **All India Rank 5127** among **0.15 million** candidates. 2022
- **Joint Entrance Examination Main 2022 :** Secured **All India Rank 7434** among **1 million** candidates. 2022
- **Class X :** Honored as a **Scholar** for outstanding performance; **Proficiency** awarded in Math and Science. 2019

TECHNICAL SKILLS

- **Programming Languages** : C, C++, Python* • **Database Management :** MySQL, PostgreSQL
- **Web Development** : NodeJS, ExpressJS, JavaScript, HTML, CSS, React*
- **Operating Systems** : Windows, MacOS, Linux* • **Miscellaneous :** Git, OOPs, Verilog*

*Elementary proficiency

KEY COURSES TAKEN

- **Computer Science**: Data Structures and Algorithms, Introduction to Computing (Theory & Lab).
- **Mathematics**: Probability Theory and Random Processes, Linear Algebra.
- **Electronics and Electrical**: Digital Electronics (Theory & Lab), Control Systems.

EXTRACURRICULAR

- **Coding Club, IIT Guwahati:**
  - **Project Team Leader :** Led the "**Z-Coder**" project and successfully completed it ahead of schedule. *2024*

- **Electronics Club, IIT Guwahati:**
  - **Project Team Member :** Contributed to the "**Theremin**" project, an innovative musical instrument *2023 - 2024* controlled without physical contact, and successfully showcased it within the club.