



Anuj Dubey

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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	8.81 (Current)	2022-Present
Senior Secondary	CBSE Board	93.6%	2021
Secondary	CBSE Board	97.4%	2019

PROJECTS

- **Z-Coder** June 2024
Coding Club, IITG GitHub
 - ◇ **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 Github
 - ◇ **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 Github
 - ◇ **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** : Achieved the Global Rank of **295** among **40K+** Contestants. 2024
- **Codechef Starters 136** : Achieved the Global Rank of **236** among **12K+** Contestants. 2024
- **Awarded Branch Change to ECE** for securing **4th position** 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 controlled without physical contact, and successfully showcased it within the club. 2023 - 2024