



Anuj Dubey

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B.Tech. - Electronics and Communication Engineering

Minor in Computer Science and Engineering

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Portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.81 (Current)	2022-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	7.5 (Current)	2022-Present
Senior Secondary	CBSE Board	93.6%	2021
Secondary	CBSE Board	97.4%	2019

PROJECTS

- **Z-Coder** June 2024
Github
Coding Club, IITG
◇ **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**.
– Developed **user authentication** and account management with **ExpressJS**, utilizing **PostgreSQL** to store user passwords and IDs. Implemented robust **registration and login** functionalities for seamless user interaction.
– Developed a **custom Web Extension** using **JavaScript** for copying URL to bookmarking webpage efficiently.
- **CPP - Chat Prompt Platform** May 2024
Github
Personal Project
◇ **Technical skills Used:** Object-Oriented Programming | C++
– Developed a **command prompt interface** for efficient text-based messaging and comprehensive management.
– Implemented user **registration and login** with robust error handling. Developed features including inbox, chat, friend list management, adding and unfriending friends, group chat functionality, and log out capability.
– Implemented user management using **OOPs in C++**, organizing various functions through **classes and objects**.
- **CueAr** March 2024
Github
Personal Project
◇ **Technologies Used:** JavaScript | HTML | CSS | Web Application Programming Interface
– Developed a web-based QR code generator using **JavaScript**, integrated a **QR code API** for dynamic updates and real-time validation. CueAr, designed for ease of use, is currently deployed and accessible on GitHub.
– Leveraged **DOM manipulation** techniques and sophisticated **event handling**, ensuring seamless real-time updates.

ACHIEVEMENTS

- **Codeforces** : Achieved a peak rating of **1482**, earning the title of **Specialist**. Handle: *This_is_Adroit* 2024
- **Codeforces Round 952 (Division 4)**: Achieved the Global Rank of **317** 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 **Departmental 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

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

**Elementary proficiency*

KEY COURSES TAKEN

- **Computer Science**: Data Structure and Algorithms, Introduction to Computing, Automata Theory.
- **Mathematics**: Probability and Random Process, Discrete Mathematics, Linear Algebra, Multi-variable Calculus.
- **Electronics and Electrical**: Digital Electronics (Theory & Lab), Control Systems, Signals and Systems.

POSITIONS OF RESPONSIBILITY

- **Project Team Leader**: Led the "Z-Coder" Project, commissioned by Coding Club, IITG. June 2024
- **Project Team Member**: Led the "Theremin" Project Team, Electronics Club, IITG. Sept. 2023 - Mar. 2024