



Abhijeet Singh Kushwaha

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B.Tech - Chemical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.07 (Current)	2020-Present
Senior Secondary	UP Board	81.00%	2020
Secondary	UP Board	93.33%	2018

PROJECTS

- **TrackExp-Expenditure Tracker App** Github
Coding Club IIT Guwahati May. 2023-June. 2023
 - Developed an app using **Flutter SDK** that tracks your daily expenses through a variety of statistics and graphs.
 - Designed a responsive **User Interface** using Flutter **Widgets**, highlighting a profile, home, and analysis screen.
 - Implemented user authentication and authorization using **Firebase** and used **Firestore** for managing data.
- **JoSSA-Data-Analyzer** Github
Group Project July. 2023-August. 2023
 - Built a web application using **Django** that filters and visualizes cutoff ranks using interactive charts and graphs.
 - Extracted data from the JoSSA website by transforming the raw HTML into structured data using **Beautiful Soup**.
 - Cleaned data and performed **EDA** using **Numpy**, **Pandas**, and Data Visualization using **Matplotlib** and **Seaborn**.
 - Transformed cleaned data into an **SQLite** database, optimizing query performance and data accessibility.
- **Google-Meet Clone** Github
Coding Club IIT Guwahati May. 2022-June. 2022
 - Developed a **video conferencing app** where multiple users can simultaneously create a group video call.
 - Added an in-built **chat** functionality and a custom **screen-sharing** option during the video call.
 - Used **ReactJS**, **Axios web socket**, **Simple Peer** for front-end, and **ExpressJS** for creating APIs.
 - Utilized **Socket** for sending calling info to other users and **Redis** for storing calling info.
- **Personalized-Wordle** Github
Personal Project December. 2022
 - Built a new wordle game with **customizable length** and unlimited words per day using **ReactJS**.
 - Implemented UI screen with an **on-screen keyboard** via custom styling using the CSS preprocessor **SCSS/SASS**.
 - Added an **alert feature** that notifies users when they win or lose and checks for valid words.

TECHNICAL SKILLS

- **Programming:** C/C++, JavaScript, Python
- **Web Technologies :** HTML, CSS, ReactJS, NodeJS, ExpressJS
- **Miscellaneous:** MATLAB, NumPy*, Pandas*, OOPS
- **Database Management:** MySQL, Firebase * Elementary proficiency

KEY COURSES TAKEN

- **Computer Science:** Introduction to Computing, Introduction to Computing lab, Data Structures and Algorithms
- **Mathematics:** Linear Algebra, Basic Calculus, Real Analysis, Advanced Calculus

POSITIONS OF RESPONSIBILITY

- **Undergraduate Senator**, Students Gymkhana Council, IIT Guwahati May.2022 - May.2023
 - Represented more than 5000 B.Tech students in the Student Senate and served gymkhana as a member of **Task Force**, **Establishment User Group**, and **Institute Maintenance Committee**.
 - Led the **Institute Maintenance Committee** as **Convenor** and we worked together on various maintenance issues.

ACHIEVEMENTS

- **Leetcode:** Rated- **1750+** | Solved **650+** problems | **1182nd** rank among 30K+ participants in weekly contest 360.
- **GeeksForGeeks:** Solved 250+ problems on data structures and algorithms.
- **MnAnalyse:** Secured **1st** rank in the Case-study Competition amongst 50+ teams organized by FEC IITG.
- **Joint Entrance Examination 2020:** Secured 98.1 percentile among 1 million+ candidates.
- **State Topper:** Secured **8th** rank in the state among 2.5 million+ candidates in highschool examination.

EXTRACURRICULARS

- **Gymkhana Elections 2023:** Contested for the post of Vice President to represent 8000+ students of IIT Guwahati.
- **Hostel Sports Committee:** Assisted sports secretary of my hostel in winning spardha among 13 hostels.
- **Drama Club:** Club member and worked as an audio editor in "**Khol Do**" and back-stage artist in "**Bali Shmabhu**".
- **North East Research Conclave:** Volunteered in many high-level ministerial meetings during the Conclave.
- **Inter Hostel Sports Tournament:** Represented Brahmaputra Hostel in Hockey sport in 2023.