

Agrima Bansal

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EDUCATION

- **Rajiv Gandhi Institute of Petroleum Technology** Jais, UP
(An Institute of National Importance along the lines of IITs)
Bachelor of Technology in Computer Science and Engineering; CPI: 8.22* Dec 2020 - Jun 2024
- **City International School** Pune, MH
Intermediate: 94% CBSE board Jun 2019 - May 2020
- **City Montessori School** Lucknow, UP
Intermediate: 97% ICSE board April 2017 - May 2018

PROJECTS

- **FoodMania** | Web Application - ReactJS, Express, NodeJS, MongoDB — [GitHub](#)
 - Developed an online food delivery platform for adding food items to the cart and calculating the total price .
 - Wrote the frontend of the website using **ReactJS** and **Bootstrap**.
 - Have done the server-side programming using **Express** and **NodeJS**
 - Implemented **MongoDBAtlas** to manage the get or post the data from the database in order to track all previous order and current orders of the user.
 - **RG IPT Alumni Portal** | Interactive Web Application - HTML, CSS, JS, Express, NodeJS, MongoDB — [GitHub](#)
 - This portal is to create a connection between current students and passed out **alums** of our college
 - It would include a Signup and login page build using **HTML**, **CSS**, and **Javascript**
 - It would store the academic data of the alums like their branch and their field of interest in a database **MongoDb**
 - Alumni donation form which consists of the usage of **APIFETCH** , and **Javascript, NodeJS, Express**
 - **Offloading and Scheduling of Fog devices** | Cloud Computing, Cpp, PowerPoint — **{BTECH PROJECT}**
 - Working on this research project to find a optimized approach to offload the task from a fog device. There can be two case push or pull
 - h when when queue of tasks is full or device is unavailable. Pull when fog device queue is empty.
 - The task is pushed on that fog device where the penalty is minimal
- Simple Calculator** | Interactive GUI-Qt CPP — [GitHub](#)
- To perform simple calculations on whole numbers by just pressing the keys
 - It includes operators like plus, minus, subtraction, multiplication
 - Wrote the code in Qt Cpp

POSITIONS OF RESPONSIBILITY

- **CodeChef RG IPT Student Chapter** | Outreach and Media Lead
 - * My responsibility includes to approach different speakers of different technological domains for a webinar or workshop.
 - * mentored my juniors in the field of web development and getting started with cpp.
 - * Coordinated the International Inter-Departmental Fest.
- **Science & Technical Council** | Core Team Member- KODE Club
 - * Provided weekly content on DSA and newer technologies for the official website
 - * Organised and hosted 3+ events, webinars, and workshops.
- **Gyanarpan** | Project Amethi:
 - * Taught English to 100+ students in online and offline mode in Non-profit Organizationson to ensure free and quality education to unprivileged students.

SKILLS

- **Languages:** C++, C, Python, SQL, HTML, CSS, JavaScript, ReactJS
- **Database:** MongoDB, SQL
- **Js Library:** NodeJs, Express
- **Courses:** Databases, Operating Systems, Networking, Computer Architecture, Web Technology

ACHIEVEMENTS

- Solved 150+ Problems on [LeetCode](#), [GeeksforGeeks](#), [CodeChef](#), and [CodeForces](#).
- Mentee in [Codess.Cafe](#)
- Qualified for the 2021 [Google CodeJam](#).
- Scored 100/100 in Computers ICSE board
- Qualified for the **IIT-JEE Advanced** 2020, ranking in the top **1.84%**.
- Completed Web Development BootCamp Course by Colt Steele on Udemy