Prachi Sinha

Roll No.:210102063
B.Tech - Electronics and Communication Engineering
Minor in Product Design
Indian Institute Of Technology, Guwahati

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EDUCATION

Degree/Certificate	Institute/Board	CPI/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.05 (Current)	2021-Present
Senior Secondary	CBSE Board	88.4%	2021
Secondary	CBSE Board	94.2%	2019

PROJECTS

- **Wizardly Whispers** *July 2023*
  Coding Club, IIT Guwahati
  - Built a **real-time chat application** based on Harry potter theme where users can join conversation with other users in same house.
  - Implemented features like **user authentication**, validation of passwords and, storing user info and chats in the database.
  - **Key Technologies:** HTML, CSS, JavaScript, NodeJS, Socket.IO, MongoDB

- **AgriInsight** *Aug. 2022*
  India in Digits Submission
  - Applied machine learning to understand crop growth patterns, enabling better decision making for maximizing yield and production.
  - **Python Libraries:** Pandas, Numpy, Matplot.lib, Seaborn

- **Invoice Data Extractor** *June 2023*
  Adobe Hackathon Submission
  - Incorporated the **Adobe API Extractor** to extract the contents of the invoices given.
  - Used the extracted JSON file to get the details left out by tables of the Adobe extractor and filtered the contents into presentable **CSV** file.

TECHNICAL SKILLS

- **Programming**: Python, C/C++, JavaScript
- **Web Technologies**: HTML, CSS, JavaScript, ReactJS*, NodeJS, ExpressJS,
- **Database**: MongoDB
- **Libraries**: Numpy, Pandas, Matplotlib, Seaborn
- **Miscellaneous**: Figma, Fusion 360, Git ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Basic Calculus, Probability and Random Processes
- **Computer Science**: Introduction to Computing, Computing Laboratory
- **Electronics and Communication**: Digital Circuits, Digital Laboratory, Signal and Systems, Control Systems, Control Systems Laboratory*, Digital Signal Processing* ** Ongoing Courses*

ACHIVEMENTS

- **India in Digits** : Secured **3rd Position** in the competition conducted by Coding club, IIT Guwahati *Aug. 2022*
- **Adobe Papyrus Nebulae 2023 Hackathon** : Got selected in the **top 10%** of the candidates that appeared. *June 2023*

POSITIONS OF RESPONSIBILITY

- **Branch Representative, ECE**, Cepstrum, IIT Guwahati *Aug. 2022 - Present*
  - Assisting with the preparation of meetings, discussions, and decisions affecting the student body in collaboration with other Branch Representatives.
  - Collecting feedback from students on various aspects of college life, and relaying it to the appropriate college bodies.
  - Provide assistance to students in their branch in dealing with academic concerns, administrative difficulties, or conflicts which includes identifying solutions or making appropriate referrals.

EXTRACURRICULARS

- **Cepstrum Mentorship Program**: Mentored the freshmen students in academics and extra-curricular activities.
- **Technothlon'22**: Worked as a **City Representative** and conducted webinars in several schools seeking hundreds of participants.