Rishabh Rajak

Roll No.:220102080
B.Tech - Electronics and Communication Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	6.2 (Current)	2022-Present
Senior Secondary	CBSE Board	92.6%	2022
Secondary	CBSE Board	89.4%	2020

EXPERIENCE

Fresher

– No Experience

PROJECTS

- **FinFlow** *Oct. 2023 - May. 2024*
  Electronics Club(Group Project) Github
  - Developed an IoT-enabled smart pond monitoring system. Measures the levels of water quality by sensors and automated volumetric titration.
  - Measures the dissolved oxygen and pH levels in sample water using an analog oxygen sensor and pH sensor, and displays it here https://thingspeak.com/channels/2513401
  - Worked on the operation of O2 and pH sensor and displayed it on a 1.5 inch OLED display using the Arduino IDE.

- **Programming Materials** *Aug.2023*
  Personal Project Github/Web
  - Developed a website which contains study materials/ information of C++, Python and Java
  - Developed this website using HTML and CSS and hosted it through a free hosting website Netlify

- **Online eBook Maker** *Mar. 2023*
  Group Project Github
  - Developed an online eBook Maker using HTML and python which will allow users to create eBook for free .
  - This system will allow the authors to make their E-Book without any problem and without any charge

TECHNICAL SKILLS

- **Programming**: Python, C
- **Web/App Technologies**: HTML, CSS
- **Database Management**: MySQL
- **Miscellaneous**: Arduino, LabView, Autodesk
- **Operating Systems**: Windows ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, Probability & Random Processes
- **Electronics And Communication**: Digital Circuits, Signals and Systems, Control Systems

POSITIONS OF RESPONSIBILITY

- **Core Team**, Electronics Club, IIT Guwahati *Apr. 2024 - present*

ACHIEVEMENTS

- **JEE Advanced 2022**, Secured a CRL rank of 13341