Sohil Monpara

Roll No.:210103104
B.Tech - Mechanical Engineering
Minor in Electronics and Communication
Engineering

+91-7977362592
m.sohil@iitg.ac.in
monparasohil@gmail.com
Indian Institute Of Technology, Guwahati
Github

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.82 (Current)	2021-Present
Senior Secondary	Maharashtra State Board	91.0%	2021
Secondary	Maharashtra State Board	84.0%	2019

PROJECTS

- **ChatApp website** *May 2023 - Ongoing*
  Personal Project Github
  – An online chatting website in which multiple users can connect with thier devices.
  – Features include Chatbox and Online/Offline Status, Join notification, Different Groups, etc.
  – Key Technologies: HTML, CSS, Javascript, NodeJs, **SocketIO**, **ExpressJS**

- **Flappy Birds Game Clone** *Oct. 2022 - Dec. 2022*
  Personal Project Github
  – Worked on the project to get a better understanding of the **Unity** software.
  – Made a copy of a famous game- **Flappy Bird** that runs on computer.
  – Very basic project made using Unity Development Tools and Photoshop to learn about the unity environment.

- **Portfolio** *July 2022 - Feb. 2023*
  Personal Project Github
  – A portfolio that describes various aspects of me including my other projects, my interests and other things.
  – It is mostly a Front End Project in order to showcase and practice Front End web technologies.
  – Used **ReactJS**, **HTML**, **CSS**, ect. to make this project

TECHNICAL SKILLS

- **Programming**: Python, C/C++, C#
- **Web Technologies**: Javascript, HTML, CSS
- **Operating Systems**: Windows, Linux*
- **Miscellaneous**: Git, Blender, Unity, Fusion360, SolidWorks

* Elementary proficiency

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, Probability, Differential Calculus
- **Computer Science**: Data Structures and Algorithms

POSITIONS OF RESPONSIBILITY

- **Project Manager**, Robotics Club, IIT Guwahati *Apr. 2023 - Apr. 2024*
  – Oversee over 10 different projects going on in the Robotics Club, IIT Guwahati.
  – Ensuring constant growth and development of all projects, leading some of the projects, making sure the inventory required is maintained.

- **Technical Secretary**, Brahmaputra Hostel, IIT Guwahati *Apr. 2023 - Apr. 2024*
  – Oversee technical aspects of **1200 boarders** of Brahmaputra Hostel
  – Leading our hostel in the inter-hostel technical competition **Kriti 2023**

ACHIEVEMENTS

- **JEE Advanced 2021**, Secured an All India Rank of 4302 among 0.2 million candidates appearing for the test *2021*
- **JEE Mains 2021**, Secured a percentile of 98.66 among 1 million candidates appearing for the test *2021*
- **International Rover Design Challenge 2023**, Was a part of the team that stood 7th in the IRDC *2023*
- **International Rover Challenge**, Was a part of the team that stood 17th in the IRC *2023*

EXTRA CURRICULUM

- **Events Head**, Prayatna - Socio Welfare Fest, IIT Guwahati *Apr. 2022 - Apr. 2023*
- **Core Team**, Robotics Club *Apr. 2022 - Apr. 2023*
- **Core Team**, Automobile Club , IIT Guwahati *Apr. 2022 - Apr. 2023*