

AVIRUP CHAKRABORTY

B.E - Mechanical Engineering , 3rd Year
Jadavpur University

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EDUCATION

Degree	Institute/Board	CGPA/percentage	Year
Bachelor of Engineering	Jadavpur University	7.1	2021-present
Higher Secondary	Basirhat Town High School	91%	2020
Secondary	Basirhat Town High School	90%	2018

PROJECT

- **GLASSIAN**

a AAA open world RPG sci-fi game available for android and windows OS.

Integrating additional control features with body and hand movement using micro-controllers.

Equipped with multiplayer mode connecting players with AWS.

- **SMART HOME ROBOT**

Equipped with the latest LLM techs and capable of having conversation finetuned for its user.

Integrating speech recognition, face recognition and can execute commands with high accuracy.

Move with users voice commands to specific locations of its environment and can sense environmental parameters.

SKILLS

- **DESIGN SOFTWARES** - SOLIDWORKS,AUTOCAD,ANSYS WORKBENCH
- **PROGRAMMING LANGUAGES**- C++, PYTHON ,JAVASCRIPT, C#, JAVA,MATLAB
- **WEB DEVELOPMENT**- HTML, CSS, BOOTSTRAP, PHP, MYSQL, REACT
- **DATA ANALYSIS AND VISUALIZATION**- ADVANCED MS EXEL, SQL,POWER BI,STATISTICAL KNOWLEDGE
- **IoT SKILLS**- AI-ML,NODE.JS,MOBILE APP DEVELOPMENT, ARDUINO, ESP32,AWS
- **OTHERS**- CFD,PROBLEM SOLVING, AUTOMATION, LINUX OS,POWERPOINT,COMPETITIVE PROGRAMMING UNITY 3D, BLENDER,PHOTOSHOP.

ACHEIVEMENTS

- Secured 872 rank in WBJEE among 1 lakh students.