



# Anurag Katkar

Roll No.:200121006

B.Tech - Engineering Physics

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Github

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	6.56 (Current)	2020-Present
Senior Secondary	CBSE Board	93.4%	2020
Secondary	CBSE Board	85.2%	2018

## PROJECTS

- **Gmeet Clone** *May 2023 - Ongoing*  
Github  
*Personal Project*  
– Developed an application that can schedule and conduct real time video call meetings  
– Application contains features like user authentication, white board and chatting  
– Tools used: NodeJS, MongoDB, HTML, CSS, JavaScript
- **Stationary Management System** *Nov. 2021 - June 2022*  
Github  
*Personal Project*  
– Programmed an application to manage items and store their data in MySQL database  
– Made use of Tkinter library and MySQL connectivity in Python
- **Personal Portfolio** *May 2023 - Ongoing*  
Github  
*Personal Project*  
– Designed a Personal-Portfolio using HTML, CSS and JavaScript  
– The portfolio shows my work, interests and professional skills.
- **Smartphone Recommendation System** *April 2023 - Ongoing*  
Github  
*Personal Project*  
– Smartphone recommendation using GUI python with CSV data connection  
– Collaborative filtering model is used to give personalized recommendation to user based on there feedback

## TECHNICAL SKILLS

- **Programming:** Python, C++
- **Database:** MySQL, MongoDB
- **Web Development:** HTML, CSS, JavaScript\*, React.js\*
- **Miscellaneous:** Git , GitHub, Blender(3D modelling software), Fusion 360\*,  
– **Operating Systems:** Windows \* Elementary proficiency

## KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus
- **Electrical and Electronics:** Basic Digital Electronics, Microprocessors
- **Computation:** Computational Physics, Quantum Computation
- **Physics:** Basics of Quantum Mechanics, Statistical Mechanics

## POSITIONS OF RESPONSIBILITY

- **Project Head**, Aeromodelling Club, IIT Guwahati *Apr. 2022 - Mar. 2023*
- **SAE Team Captain**, Team Afterburners, Aeromodelling Club, IIT Guwahati *Sept. 2022 - July. 2023*

## ACHIEVEMENTS

- **2nd Position**, 7 days of modelling Challenge, organised by Coding Club IIT Guwahati *August 2021*
- **12th All India Rank**, Drone Development Challenge Regular Class, organised by SAE India *July 2023*
- **Final Round**, Boeing IIT National Aeromodelling Competition, organised by IIT Kharagpur *January 2023*

## EXTRACURRICULAR

- **Hockey**, Participated in Hockey,Spardha 2022, organised by Sports Board IIT Guwahati. *Mar. 2022 - Apr. 2022*
- **Project Reaper**,Funded by NEWGEN IEDC working under Aeromodelling Club IITG. *August 2022 - Ongoing*
- **NSS**,Served as volunteer in Community/Social services. *July 2022 - Nov. 2022*