



Anurag Katkar

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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
Personal Project Github
 - 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
Personal Project Github
 - 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
Personal Project Github
 - Designed a Personal-Portfolio using HTML, CSS and JavaScript
 - The portfolio shows my work, interests and professional skills.
- Smartphone Recommendation System** April 2023 - Ongoing
Personal Project Github
 - 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