



# Sugyan Mishra

Roll No. 180106053

B.Tech - Biosciences and Bioengineering

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## Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	IIT Guwahati	8.05 (Current)	2018 - Present
Senior Secondary	CBSE	97.0%	2018
Secondary	CBSE	10	2016

## Experience

- **Bobble AI Technologies** June 2021 - Aug 2021  
*Android Development Intern* Remote
  - Worked in integrating **Google Play Billing Library** with **Mint Keyboard**, a virtual keyboard application having **over 100k downloads** that comes pre-bundled with all Xiaomi smartphones, to facilitate in-app purchases.
  - Developed a working prototype of a floating virtual keyboard using **Java** and **XML** to facilitate one-handed keyboard input in any Android device.

## Projects

- **IITG Restro** Dec 2019 - Feb 2020  
*Coding Club, IITG* Github
  - Developed an android application using **Java** and **XML** for frontend, Retrofit and a self-made API for notifications and **Google Firebase** for backend, to ease catering services inside IIT Guwahati campus.
  - Features include user login via email ID, placing orders after UPI payment, push notifications informing the customer about order status and monetary refund in case of order cancellation.
- **E - Learner** Oct 2019  
*Technical Board, IITG* Github
  - Designed a prototype android application using **Flutter** framework for frontend and **Google Firebase** for backend, in a **36-hour long hackathon**, using which campus students, clubs and departments can upload and download videos, previous-years question papers and other course-related resources.
- **Sorting Visualiser** Aug 2021  
*Personal Project* Github | Website
  - Developed a single-page web visualization tool using **HTML**, **CSS** and **JavaScript** for sorting algorithms.
  - User can generate an array, adjust its size and speed of the sorting process after which Bubble, Selection, Insertion, Merge, Quick or Heap sort can be illustrated.

## Technical Skills

- **Programming Languages:** C, C++, Java
- **Web Technologies:** HTML, CSS, Bootstrap, Javascript, NodeJS\*
- **Miscellaneous:** MySQL, SQLite, Google Firebase, Flutter, Git, LaTeX
- **Operating Systems:** Windows, Linux\* \* Elementary proficiency

## Key courses taken

- Data Structures and Algorithms
- Database Management Systems
- Web Developer Bootcamp
- Operating Systems
- Computer Networking
- SQL for Data Science

## Achievements

- **Kishore Vaigyanik Protsahan Yojana (KVPY) 2017:** Awarded National Research Fellowship by securing **AIR 1480**.
- **JEE Advanced 2018:** Secured a rank in **top 5% among 0.2 million** candidates who appeared for the test.
- **JEE Mains 2018:** Was among the **top 0.3%** among **1.5 million** candidates who appeared for the test.
- **Sahodaya School Complexes Award:** Was the **school topper** in Class XII exam and secured **99/100** in Computer Science.

## Extracurricular Activities

- **Development Hackathon, Kriti 2019:** Represented Kameng Hostel in the inter-hostel technical competition organised by Technical Board, IIT Guwahati.
- **Corporate Relations and Marketing Executive, Alcheringa 2020:** Was responsible for securing budget for Alcheringa - the annual cultural festival of IIT Guwahati and smooth conduct of brand integration of a multitude of companies.
- **City Representative, Technothlon 2018 - 19:** Successfully conducted Prelims round of Technothlon, an international school championship organised by the student fraternity of IIT Guwahati, in Bhubaneswar, Odisha.