



Sugyan Mishra

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B.Tech - Biotechnology Engineering

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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 the integration of Google Play Billing Library with Mint Keyboard, a virtual keyboard application that comes pre-bundled with all Xiaomi smartphones.
 - 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 API** 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 and **Google Firebase API**, in a 36-hour long Development 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 Website
 - Developed a 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, Dart*
- **Web Technologies:** HTML, CSS, Bootstrap, JavaScript, ReactJS, NodeJS*
- **Miscellaneous:** MySQL, SQLite, Google Firebase, Flutter, Git, LaTeX
- **Operating Systems:** Windows, Linux* * Elementary proficiency

Key courses taken

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

Achievements

- **Kishore Vaigyanik Protsahan Yojana (KVPY) 2017:** Recipient of the National Research Fellowship by Govt. of India 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, IITG
- **Corporate Relations and Marketing Executive, Alcheringa 2020:** Worked with a team of 30 fellow students and 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 - Technothon 2018 - 19:** Successfully conducted Prelims round of Technothon, an international school championship organised by the student fraternity of IIT Guwahati in Bhubaneswar, Odisha