Sugyan Mishra

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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 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, Dart*
- **Web Technologies**: HTML, CSS, Bootstrap, JavaScript, 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**: 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, IITG.
- **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.