



# AB Satyaprakash

Roll No. 180123062

B.Tech. - Mathematics and Computing  
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## Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	IIT Guwahati	9.00 (Current)	2018 - Present
Senior Secondary	CBSE	97.4%	2018
Secondary	ICSE Board	97.6%	2016

## Experience

- **Major League Hacking** Sep 2020 - Dec 2020  
*MLH Fellow*  
<https://git.io/JtuVz>
  - Won 2 hackathons and build 6 **Open-Source** projects from scratch over a period of 12 weeks
  - Used **Flutter**, **ReactJS**, **Django**, **Godot**, and other frameworks to contribute towards domains like education, healthcare and social-good
- **MIT Media Labs** Jun 2020 - Jul 2020  
*Summer Intern*
  - Worked on the development of a sister-website to the **Scratch** Project
  - Used **ReactJS** and **Fuse.js** to build a fuzzy-search function for the platform

## Projects

- **AG Healthcare** Aug 2020 - Sep 2020  
*Student's Web Committee*  
<https://git.io/Jtuwu>
  - Built a **cross-platform mobile application** for Dr.Amit Goel's hospital, Hyderabad
  - Used **Flutter** and **Firebase** to include features like appointment booking, payment, realtime chat, video-calling, blogs, awareness videos, etc
- **Technothlon Website** Oct 2019 - Jun 2020  
*Techniche*  
<http://bit.ly/2vzFXIL>
  - Revamped the whole website using **Laravel** as back-end. The website had **1 million hits** and was used by over **50k** participants
  - Developed a user-panel for participating schools, where they can effectively handle the details of registrations from their respective schools

## Technical Skills

- **Programming Languages:** C, C++, Python, Dart, JavaScript, Java\*, PHP\*
- **Frameworks:** Flutter, Laravel, ReactJS, Django\*
- **Miscellaneous:** Git, MySQL, Firebase, Godot\*
- **Operating Systems:** Windows, Ubuntu, Solaris\*

\*Elementary Proficiency

## Achievements

- **Upcoming Internships:** Upcoming Summer Internship at **Oracle '21**
- **MLH Fellowship 2020:** Received the fellowship becoming one among the **170 fellows from 30k** applicants
- **Competitive Programming Platforms:** Achieved highest rating of **1886** on CodeChef and **1621** on Codeforces
- **KVPY 2017-18:** Awarded National Research Fellowship by securing a rank of **AIR 701**
- **Olympiads 2018:** Qualified **NSEC**, **NSEP**, and was in the top **1% of 40k** participants for **INChO**

## Key Courses

- Data Structures and Algorithms
- Database Management Systems
- Operating Systems
- Computer Networks
- Computer Architecture and Organisation
- Probability Theory and Stochastic Calculus

## Positions of Responsibilities

- **Application Development Team Lead (Flutter)** for Student's Web Committee, IIT Guwahati
- **City Representative** for Bhubaneswar in Technothlon'19 and **Organiser** for Techniche'19

## Extracurricular Activities

- Organised several **LEDs** (Learn-Experience-Discover) as a part of **Technothlon's** social initiatives
- Actively participated and won in **Music** band and solo performances as a part of **Manthan 2019**