

AB Satyaprakash

Software Developer

Student, software developer, competitive programmer, and opensource contributor with more than 2 years of experience in a variety of technical stack.



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📍 Guwahati, India

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EDUCATION

Bachelor of Technology

Indian Institute of Technology, Guwahati [🔗](#)

08/2018 - Present

CGPA 9.00

Courses (Mathematics and Computing)

- DataStructures and Algorithms
- Database Management Systems
- Operating Systems
- Computer Networks
- Computer Architecture and Organisation
- Probability Theory and Random Processes

FEATURED PROJECTS

PrepHR (10/2020 - 10/2020) [🔗](#)

- An open-source project to help students prepare for virtual HR interviews.
- Used **Tensorflow** to track eye-movement, posture, and facial expressions to analyze and obtain results candidate's confidence, clarity, and other parameters.
- Used **ReactJS** with **Bootstrap** for UI and **Django** with **MongoDB** for the backend.

AG Healthcare (08/2020 - 09/2020) [🔗](#)

- A **cross-platform mobile application** built for Dr. Amit Goel's hospital, Hyderabad, in collaboration with SWC, IIT Guwahati.
- Used **Flutter** with **Firebase** to design a beautiful and lucid **UI**, while ensuring **scalability** of the application. Major features include online **booking of appointments**, **chat** and **video calling**, and **resources for patients**.

Technothon Website (10/2019 - 06/2020) [🔗](#)

- Revamped the 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 their registrations.

WORK EXPERIENCE

MLH Fellow, Fall'20

Major League Hacking [🔗](#)

09/2020 - 12/2020

Achievements

- Won second place in the global finals of Sprint 5, with [Volunteery](#), a platform for NGOs and volunteers to come together! [🔗](#)
- Participated in **6 hackathons** and build **OpenSource** projects from scratch over a period of **12 weeks**.
- Contributed to a wide range of domains like **education**, **healthcare**, **game development**, **DevOps**, and **social good**.

Summer Trainee

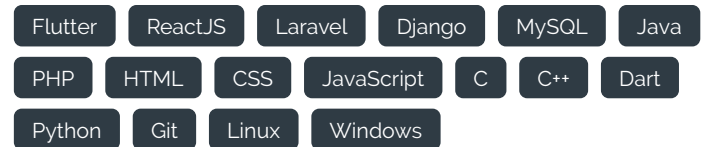
MIT Media Labs [🔗](#)

06/2002 - 07/2020

Achievements/Tasks

- Worked in the development of a sister website for the [Scratch](#) Platform. [🔗](#)
- Used **ReactJS** and **Fuse.js** to implement a fuzzy search function for the website.
- The website helped children learn Scratch via live online classes.

SKILLS



ACHIEVEMENTS

Upcoming Summer Internship at Oracle, 2021

Will work as an Application Development Intern for a period of 2 months in the summer of 2021

Secured MLH Fellowship to be among the top 170 fellows shortlisted from over 30k applicants.

Achieved rating of 1886 on CodeChef and 1621 on Codeforces

Received KVPY Fellowship from the Govt. of India by securing a rank of AIR 701.

Kishore Vaigyanik Protsahan Yojna(KVPY) is a fellowship offered by Govt. of India, for enthusiasts in the field of scientific research and development.

Secured a place in the top 1% of 40k students who appeared NSEC and qualified for INChO.

INChO is one of the most prestigious olympiads in India, conducted to select students for representing India in International Chemistry Olympiad

ORGANIZATIONS

Major League Hacking (09/2020 - 12/2020)

MLH Fellow for Fall 2020

Technothon (10/2019 - 06/2020)

Web Operations and Core Team

Techniche (09/2018 - 08/2019)

Organiser

VOLUNTEER EXPERIENCE

LED (Learn Experience Discover) (09/2018 - 06/2020)

LED is a social initiative by Technothon to spread scientific temperament by conducting experiments for school students.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

