



**Akshat Shukla**

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## ACADEMIC QUALIFICATIONS

Year	Degree	Institution	CGPA/Percentage
2022	B.Tech in Computer Science	IIT Kharagpur	9.24/10
2018	Class XII (CBSE)	Lal Bahadur School, Kota	92%
2016	Class X (CBSE)	Kendriya Vidyalaya, New Bongaigaon	10/10

## SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 225** in **JEE Advanced, 2018** conducted by **MHRD**, **Government of India**.
- Secured **All India Rank 260** among **1.2 million** candidates in **JEE Main, 2018** conducted by **CBSE**.
- Qualified **National Standard Examination in Chemistry** and was selected for **INChO, 2017** among 40,000 students.
- KVPY Fellow**: Among top 0.1% candidates to be selected by **Department of Science and Technology India**.
- National Finalist of **The Aditya Birla Group Scholarship** provided to students with excellent academic record.
- Scored 382 out of 450 marks** in **Birla Institute of Technology Scholastic Aptitude Test (BITSAT) – 2018**.

## SKILLS & EXPERTISE

Courses	Academic Courses	Programming & Data Structures, Algorithms - I, Discrete Structures, Formal Language and Automata Theory, Matrices
	Online Coursework	Machine Learning -Udemy, Introduction to Python (Datacamp)
Technical Skills	Programming Languages	C, C++, Javascript, Python, Java, HTML, CSS
	Frameworks/Softwares	NodeJs, React, Puppeteer, Selenium, Django, Microsoft Office, Solidworks
	Operating System	Windows, Ubuntu, CentOS

## PROJECT AND WORKSHOPS

### A2OJ REIMAGINED | JAVASCRIPT

( MARCH 2020 )

- Made a firefox extension that enhances the experience of site [a2oj.com](https://a2oj.com) using the codeforces API.
- The extension is open source and available in firefox add ons store [here](#) and has 50+ users within only 30 days of its launch.

### SYNTASSO | NODEJS, PYTHON, HTML

( SEPTEMBER 2019 )

- Auto code compiling and running. With this app you replace the hassle of compiling the slightly updated c++ code and running it again with the same input with just saving it.
- A python script detects saving of code, compiles it and runs it with the input entered beforehand using a nodeJS server and a very simple frontend. This makes the process of debugging very easy especially for competitive programmers.

### CORONA STATS VISUALIZER | NODEJS, PYTHON, HTML

( APRIL 2020 )

- Created a simple website that shows the case count of Coronavirus state wise on the map of India according to the data provided by the Government of India.
- The backend of the application runs a python script to scrape the government site to get the data and parses it. Thus the frontend is kept updated with the real time data.

### LARGE VIDEO SHARING APP | NODEJS, REACT

(FEBRUARY 2020-PRESENT)

- Working on a website for sharing large sized videos without actually uploading it to the server by students and a service for everyone to enjoy it.
- This service is intended to create a pseudo streaming service from the source computer for everyone to view it.

## POSITIONS OF RESPONSIBILITY

CORE TEAM MEMBER | PRODEX | IIT KHARAGPUR

( AUGUST 2018- DECEMBER 2019)

- Worked under the President - Technology Students' Gymkhana on 3 fronts- Product Design , Ideation and Event Management.
- Organized Freshers' Selections which saw a participation of 3000+ students from all the 23 IITs
- Successfully mentored a team of 12 Freshers for Open IIT Product Design conducted by Students' Gymkhana, IIT Kharagpur

## EXTRA CURRICULAR ACTIVITIES

### Social & Cultural

- Secured **Gold** for Azad Hall of Residence in the event "**Nukkad**" in Open IIT conducted by TSG, IIT KGP
- Secured **Gold** in Intra NCC Sports Championship in **Basketball**.
- Secured **Bronze** for Azad Hall of Residence in **Illumination** in the **Inter Hall General Championship**.
- Secured **Gold** for Azad Hall of Residence in Rangoli in the **Inter Hall General Championship, IIT KGP**.