



# Rishabh Sharma

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## Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	8.13 (Current)	2018 - Present
Senior secondary	CBSE board	87.8%	2017
Secondary	CBSE board	8.6	2015

## Experience

### • Software Engineer Intern at BNY Mellon

Analyzed and worked on resolution of issues related to tasks in a Portfolio Services System and also developed a simple CRUD Spring Boot Angular application. *May 2021 - July 2021*

## Projects

### • Interview-Prep-App

Coding-Club-IITG - Personal Project Dec 2020

Developed and deployed a basic tool for students preparing for internships and placements to streamline the searching for resources such as problems and experience-blogs. [git.io/JW1Jt](https://git.io/JW1Jt)

### • Quizmaster-Web-App

Personal Project Apr 2020

Developed a web-application for conducting online quizzes. The functionality includes complete user-authentication, quizzes and progress reports. [git.io/webqa](https://git.io/webqa)

### SLAM Hexa-copter

### • 4i LABs IIT Guwahati Oct 2019 - Present

Integrated an autonomous Hexacopter installed with lidar to plot the entire internal map of a building while avoiding obstacles in its path. [git.io/slam](https://git.io/slam)

### 2D - Robotic Drawing Machine

### • Project Mentor - Himanshu Kaushik- Robotics club IITG Mar 2020

Worked on an alternative for conventional algorithm of processing and printing of an image sequence. [git.io/2drdmnp](https://git.io/2drdmnp)

## Technical skills

- **Programming languages** : C++, Python, Java, JavaScript
- **Web technologies and Frameworks** : HTML, CSS, \*Django, Spring, Angular
- **Operating system** : Windows, Linux
- \* *Elementary proficiency*

## Key courses taken

- Introduction to Computing(Lab and Theory)
- Information Theory and Coding
- Linear Algebra
- Probability and Random Processes
- Data-Structures and Algorithms

## Achievements

- **JEE Advanced 2018** : AIR-1499, Ranked in top 0.1 % (amongst top 2,50,000 candidates selected from pool of 10,43,000).
- **JEE Mains 2018** : AIR - 2602 (in a pool of 10,43,000 candidates).
- **JEE Mains and Advanced 2017** : AIR - 17032 in Mains and AIR - 17262 in Advanced (in a pool of 12,00,000 candidates).

## Extracurriculars

- **Techvince 2020** : Presented a Project and an idea and simulation of an advanced algorithm for faster printing .
- **Cultural and Sports** : Participated in Squash and 4000 metre race in Spardha, Stand-up comedy in Manthan.