



**Ankit Kumar**  
UG (III Year I Semester)  
B.Tech. (Electronics & Communication Engineering)  
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## Area of Interest

Web Development, Full Stack MERN development, Competitive Programming

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## Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2022	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	8.522
2019	Intermediate (Class XII)	Sarvodaya Boys S S S No-1 Sarojini Nagar(CBSE)	94.20 %
2017	Matriculate (Class X)	St John's Academy(CBSE)	10.000

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## Internships

**Website Developer** | Ingenious Inside Educational Tour

July 2022 - September 2022

- At IIEdTour, I'm in charge of designing a variety of layouts and responsiveness. I used to work with the react framework.

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## Projects

**Samarthya- Website** | Unnat Bharat Abhiyan, IIT Roorkee

February 2022 - March 2022

- I was one of developer of website of samarthya. Website includes features where user can view all the event details and also register in different events through the site.
- I am co responsible for developing frontend layout using React Js and making the pages responsible and pretty using CSS, Sass and Bootstrap.
- I am also responsible for whole backend Development. For this I used Nodejs and express and for database MongoDB is used.
- Features like login, logout, authentication, payment gateway was added.

**UBA IITR site's Developer** | Unnat Bharat Abhiyan, IIT Roorkee

October 2021 - February 2022

- I was one of the developer at UBA IITR. My work was to maintain UBA which was in html, and to develop the same site from scratch in react

**Campus Dream11** | Sds Lab IITR

March 2022

- This project is teamwork of 4 people who participated in a campus hackathon. Here we developed mini dream 11. Users can create a match, and other people vote for their favorite
- team. Project was done in React and nodejs

**Design an IEEE floating-point single-precision (32-bit ) ALU that supports the arithmetic and logic operations** | IIT Roorkee

June 2021 - July 2021

- Implemented the 32-bit ALU with a team of 5
- laid down the implementation plan of 32 bit adder, subtractor and logic gates.
- Lead the team to implement Multiplier, Divisor.
- Wrote the document and implement testing using raw data.

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## Awards / Scholarships / Academic Achievements

- Secure Global Rank 158 in June Long Two 2022 at codechef
- secure AIR 6913 in JEE Advance 2020

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## Skills

Computer languages	C++, HTML, CSS, SASS, Verilog, Git, Javascript
Software Packages	MATLAB, LTSpice, Nodejs, Reactjs, ExpressJS, MongoDB
Additional Courses	Data Structures and Algorithms, Computer Architecture, Fundamental of Probability
Languages Known	English(SRW), Hindi(SRW)

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## Positions of Responsibility & Extra Curriculars

**Operational Member** | 1-day to IITR under 175 years celebration

December 2021 - July 2022

- Under the 175 years celebration of IIT Roorkee, an initiative of 1-day trips is conducted for school students and teachers in Roorkee-Haridwar region
- We designed and curated the structure and schedule of the 1-day trips and were involved in handling operations of the trips, managing between departments and technical spots, making arrangements of food and snacks for school students and teachers, cultural activities, photography and videography.

**Undergraduate Teaching Assistant** | Academic Reinforcement Program, IIT Roorkee

January 2022 - March 2022

- Serves as undergraduate Teaching Assistant(UGTA) for mathematics.