Shubham Kumar
UG (IV Year I Semester)
B.Tech. (Metallurgical & Materials Engineering)
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Registration No: 18118066/2022

Indian Institute of
Technology
Roorkee

VERIFIED

Area of Interest

Data Structures and Algorithms

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	*8.000*
2018	Intermediate (Class XII)	St. Karen's High School, Patna (CBSE)	*93.60 %*
2016	Matriculate (Class X)	Patliputra Central School, Patna (CBSE)	*10.000*

Internships

NodeJs Full Stack Developer | Webnet Technologies   November 2020 - January 2021
- Developed a web app for the locals to locate and schedule appointments with the best specialist doctor near them.
- Validated the REST APIs through POSTMAN and successfully deployed them on the product environment.
- Worked closely with front-end team while integrating the back-end and gave the contribution where required.

Web Developer Intern | CureStrings   September 2020 - October 2020
- Developed operational rigor for the front-end of the website.
- Developed the RESTful APIs and implemented the server-side logic in Node.js, Express.js, and MongoDB.
- Worked on building a plasma donation web app for needy people during the COVID-19 pandemic.

Projects

Effect of E-sports on smartphone purchasing | IIT Roorkee   August 2020 - January 2021
- Collected primary data in the form of a questionnaire from more than 400 respondents.
- Used websites such as Statista, Gaming scan, etc. for collecting secondary data.
- Used python packages such as Pandas, Numpy, Matplotlib for data pre-processing.
- Validated several hypothesis by using data analysis techniques such as ANOVA, MANOVA, and Chi-Square.
- All four hypothesis shows a statistically significant difference.

Awards / Scholarships / Academic Achievements

- Merit-cum-Means (MCM) Scholarship awardee since 1st year (2018).
- Awarded with the tag of dedicated member of NSS IITR 2018-19 team.

Skills

Computer languages	C++, HTML, JavaScript, MongoDB, SQL
Software Packages	NodeJS, ExpessJS, Postman
Additional Courses	Data Structures and Algorithms
Languages Known	Hindi (SRW) and English (SRW)

Positions of Responsibility & Extra Curriculars

Allied Head | Academic Reinforcement Program, IIT Roorkee   July 2019 - June 2021
- Managed and recruited the TAs from 2nd and 3rd-year students to help the freshers in their academics.
- Oversaw the proper functionality of the website and ARP Facebook page.

UG-DAPC Student Representative | MMED, IIT Roorkee   December 2020 - May 2021
- Student Representative of 350+ undergraduates in the Department Academic Programme Committee.
- Assists in setting up courses, syllabus, and curriculum for undergraduates.
- Address grievances and feedback of students regarding academics to the department.

Undergraduate Teaching Assistant | MMED, IIT Roorkee   November 2020 - March 2021
- Selected as a UGTA for the course Metallurgical Thermodynamics and Kinetics (MTN-102) under Prof. Arka Lahiri.
- Designated to act as a bridge between the faculty course coordinator and the freshmen for the selected course.
- Take regular doubt clearing sessions to discuss problems related to the course.

References

Prof. B.S. Sundar Daniel
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Indian Institute of Technology, Roorkee
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Prof. Jogendra Kumar Nayak
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