SHUBHAM SHARMA

UG (II Year)

B.Tech. (Mechanical Engineering ,IIT - Roorkee)

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Education 💡 _____

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	B. Tech 2nd Year	Indian Institute of Technology, Roorkee	9.523
2021	Intermediate (Class XII)	BL. Central Public Sen. Sec. School	95.60%
2019	Matriculate (Class X)	St. Luke's Sen. Sec. School	97.00%

Internships 💼 _____

Web Developer | Sparks Foundation   January 01, 2023 - January 21, 2023

- Worked on the Payment Gateway Integration portal. Developed the code for the static payment portal page and then integrated it with the payment gateway.

Web Developer | Exposys Data Labs   January 26, 2023 – February 27,2023

- Worked on the Mass-Mailer Project. Created a website for sending bulk emails to the valid email addresses and detecting invalid emails.

Projects 👥 _____

Clutch Plate | Mechanical Design   August 2022 - November 2022

- The primary aim of this work was to design a rigid clutch system that meets multiple objectives such as structural and thermal strength, vibrational rigidity. The project represented an approach to optimize the structural and thermal characteristics of the clutch friction pad. Thermal analysis considered the reduction of heat generated between the friction surfaces and reducing the temperature rise. Structural analysis was done to minimize the stresses developed because of the loading contact between friction surfaces.

CDC logo designing | Design   March 2023

- Designed a logo of 'CDC ' for their different social media channels. The logo included the vision and aim of the cell.

Skills

Computer languages: C++, Python, HTML, CSS, SCSS, SASS, JavaScript, MySQL, SQL, NodeJS, ExpressJS, React Js, MongoDB, Git, GitHub
Software Packages: Blender, AutoCAD, Solidworks, Ansys, MySQL, Adobe Illustrator, Figma, MS Office
Additional Courses: Introduction to Psychology, Economics
Languages Known: Hindi, English, Punjabi

Positions of Responsibility & Extra Curriculars

- **Web Development Executive** | Academic Reinforcement Programme
- **Events Executive** | National Social Summit