



## Punam Chand Guru

UG (IV Year II Semester)  
B.Tech. (Production and Industrial Engineering)  
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Registration No: 19119028/2023

Indian Institute of  
Technology  
Roorkee



### Area of Interest

Software development, Front End development

### Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	B.Tech. 4th Year	Indian Institute of Technology, Roorkee	6.661
2018	Intermediate (Class XII)	Dayanand Vidya Vihar Sr Sec School, Sujangarh (Churu) Raj (RBSE)	88.20 %
2016	Matriculate (Class X)	Saraswati S S Sec School, Udwala, Sujangarh (Churu) (RBSE)	88.17 %

### Internships

**Web development and Designing Internship** | The Sparks Foundation

June 2022 - August 2022

- Created a responsive website by integrating the payment gateway for donation using HTML, CSS.
- Implemented Donate button functionality which redirects to the payment page.
- The invoice of the payment is sent on the mail provided by the client directly.

### Projects

**Analysis of the Railway wheel using Finite Element Method and Calculating its Life Cycle** | IIT ROORKEE

January 2022 - April 2022

- This project was done under the supervision of prof. Kaushik Pal.
- Identification of material of rail wheel and different parameters which effect the wear in rail wheel
- Made a 3D CAD model of rail wheel and analysed with FEA software ansys.
- Worked on a C++ Program which takes various parameters as inputs and outputs estimated life of the rail wheel.

**Ghumai, the travel advisor app**

May 2022

- A Travel advisor app made with React js, Material ui and Rest API
- Utilization of Geolocation, Google Maps API & Google Places API, fetching API data based on the location, data filtering.
- It can show you best hotels, restaurants and attractions anywhere in real world with their ratings

### Awards / Scholarships / Academic Achievements

- Secured first position in allover UK presentation in EK BHARAT SHRESTH BHARAT SAPTAH-4 held from 26 OCT 2020 to 31 OCT 2020

### Skills

Computer Languages	C/C++,HTML,CSS,Javascript, React Js, mySQL
Software Packages	VS Code, Sublime Text, Atom, Codeblocks, Git, Github, Office 365
Additional Courses	Course on Computer Concepts
Languages Known	English (SRW), Hindi (SRW)

### Positions of Responsibility & Extra Curriculars

**Joint Secretary (Events and Promotions)** | Wellness Centre IIT Roorkee

July 2021 – June 2022

- Appointed as the Joint secretary of Events and Promotions vertical for the academic session 2021-22.
- Hosted many events and webinars on Yoga and Meditation, Creative Wellness and Mental Health.

**Cadet** | NCC, IIT ROORKEE

August 2019 – May 2022

- Participated in Independence Day Guard of Honour Parade held on 15 August 2019.
- Completed COVID-19 Training for NCC Cadets by Department of Personnel and Training of Government of India on 11 JUNE 2020.

