



Punam Chand Guru

UG (IV Year II Semester)

B.Tech. (Production and Industrial Engineering)

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Portfolio: <https://thatguywithlenses.netlify.app/>

Indian Institute of
Technology
Roorkee



Area of Interest

Software development, Front End development

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 and Javascript.
- 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

Life Cycle Calculation of Railway Wheel using C++ and analysis with CAD modeling | 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 API**, **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

Crypt, Real time crypto currency stats app

July 2022

- A **React** web application that displays the stats like current price, percentage change in last 24 hours, market cap and past performance of several crypto currencies.
- Used **material Ui** for styling and **Chart Js** for making the graphs.
- Used **Coin Gecko API** for fetching crypto currency data.

Awards / Scholarships / Academic Achievements

- Secured first position in all over 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.