



Malipatel Rohini

UG (IV Year I Semester)
B.Tech. (Civil Engineering)
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Indian Institute of
Technology
Roorkee



VERIFIED

Area of Interest

Competitive programming

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	7.133
2020	Intermediate (Class XII)	Narayana Junior College	97.80 %
2018	Matriculate (Class X)	Narayana Concept School	9.800

Internships

Web Developer at Exposys | EXPOSYS DATA LABS

July 2022 - September 2022

- Mass mail dispatcher is a web based used to categorize valid and invalid emails. It is used to send bulk emails at a click. I had the opportunity to work on a project where I developed an e-commerce web application using the MERN stack. Additionally, I focused on creating a user-friendly interface to ensure a positive experience for all users.

Full stack web developer at Solar secure solutions | SOLAR SECURE SOLUTIONS

June 2023 - August 2023

- In this internship I had develop webpages regarding services, payment gateways, PayPal. It had started with HTML, CSS, Java Script, Nodejs. The key learnings and takeaways that I have gained from this internship are Guidance, Technologies and softwares, working on projects Industry oriented.

Projects

Design of a Two Lane Bridge across Ganga river near Nizampur,Uttar Pradesh | Indian Institute Of Technology,

Roorkee

July 2023 - Present

- planning and design of a road bridge to facilitate the movement of traffic from two lane state Highway to Four lane Divided National Highway using all the aspects of Civil Engineering.

To-do-List-Web app | Self Project

May 2022 - June 2023

- The primary goal of the project was to provide users with a platform to add and manage various types of tasks they needed to complete. A key feature of the application was the ability to mark tasks as completed. Once a user finished a task, they could simply mark it as done, visually indicating its completion.

SELF ORGANISING Map for Irrigation Scheduling | Indian Institue Of Technology, Roorkee

January 2023 - April 2023

- Under the guidance of prof. K.S Hari prasad I am the member of team we had completed our project by using SOM model by default values of neighbourhood radius. To determine the proper irrigation scheduling , it is important to accurately assess water stress in crops. ANNs offers a promising approach to managing
- and modelling water resources sustainability

Design of structural elements by using STAAD.Pro | Indian Institute Of Technology, Roorkee

January 2023 - April 2023

- STAAD Pro is one of the popular software that is used for analyzing & designing structures like buildings, towers, bridges, industrial, transportation, and utility structures. we analyzed different trusses under the effect of secondary trusses and to compare stress developed in beam members and truss members. We built long structures of 100m with one bay width wise and height wise and to observe stress developed due to change in temperature with and without expansion joint.

MOCK ROAD SAFETY SUDIT WORKSHOP-CUM-PROJECT | ASIAN INSTITUTE OF TRANSPORT DEVELOPMENT

January 2022 - February 2022

- In this project we took roads nearby our campus and we identified the real problem there and we took photos. That we applied on Vida software foe getting the star rating and then we applied counter measures to that issues and again we applied it on Vida software then we got better star rating

Awards / Scholarships / Academic Achievements

- Ranked 1257 in State level Entrance test(TS EAMCET)
- Secured 13384 in JEE-MAIN(2020)
- HORIBA Talent Hunt Scholarship(Academic Year 2022-2023)instituted by HORIBA India Pvt. Ltd.

Skills

Computer languages	C,C++,JavaScript
Software Packages	VS code,MS Excel,Nodejs
Additional Courses	Psychology,Economics
Languages Known	English,Telugu,Hindi

Positions of Responsibility & Extra Curriculars

NCC cadet | National Cadet Corps,IIT Roorkee

December 2021 - Present

- As a NCC cadet, I took an active participation in many events like YOGA SADHANA and many other

member at help desk | IIT alumni

September 2021

- I was an active participant at PanIIT Global Virtual Technology Summit 2021.

volunteer | Heartfulness Education Trust

March 2021

- I had completed 6day 'start 'U'p' modules with the title "pause and reflect: Be the best version of self" conducted at IIT roorkee.

References

Anupam Chakrabati

Professor

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Sudipta Sarkar

Professor

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