



## Yavnika Garg

UG (IV Year I Semester)  
B.Tech. (Chemical Engineering)  
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Registration No: 19112099/2023

Indian Institute of  
Technology  
Roorkee



### Area of Interest

Web Development, UI/UX Design, Competitive Programming, Open Source Development

### Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2022	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	7.810
2019	Intermediate (Class XII)	Amity International School, Sector-46 Gurgaon	92.40 %
2017	Matriculate (Class X)	Amity International School, Sector-46 Gurgaon	10.000

### Internships

#### Software Development Intern | Microsoft India

May 2022 - July 2022

- Built a metadata discovery portal for HR Data Entities using Azure Purview APIs and integrated notifications into the HR Datalake Platform
- Tech Stack: C#, CosmosDB, React Typescript

#### Intern | Newton School

February 2021 - March 2021

- Developed a scalable self-learning portal to teach MySQL and databases through gamification.
- Tech Stack: Django/DRF, React

### Projects

#### Component and Content Management System | IIT Roorkee

November 2021 - January 2022

- Developed a website generator to maintain the IITR website while using our own UI library
- Built a transpiler that converted XML received from the generator to native HTML/CSS to render the website
- Tech Stack: Scala, Next.js, Django

#### Microsoft Engage: Teams Clone | Microsoft India

June 2021 - July 2021

- Completed the Engage Project 2021 by building a video-calling application.
- Tech Stack: Node.js, React.js, Websockets, Express and MongoDB.

#### IIT Roorkee Website Revamp | IIT Roorkee

August 2020 - March 2021

- Led the design and development of a UI system for the official website of IITR.
- Built new accessible, and responsive templates compatible with an in-house CMS.

#### Geek Gazette Expectations Website | IIT Roorkee

December 2020 - March 2021

- Developed a new website for Geek Gazette targeted for prospective students and freshmen.
- Worked on improving the UI and automating content updation through Wordpress and React.

### Awards / Scholarships / Academic Achievements

- All India Rank 7707, JEE Advanced 2019
- All India Rank 4107, JEE Mains 2019
- Certified in Microsoft Azure Fundamentals: AZ-900 and Azure Data Fundamentals: DP-900

### Skills

Computer languages C++, Python, PHP, Javascript, HTML, CSS, Bash, C#, Scala  
Software Packages React, Django, DRF, Wordpress, MySQL, Git, Postman, Vim, Node, Express.js, Figma, Invision, Adobe Suite, CorelDraw, Blender, Inkscape, Framer

### Positions of Responsibility & Extra Curriculars

#### Chief of Design | Information Management Group, IIT Roorkee

January 2020 - Present

- IMG is a technical group that strives to lead in innovation and make the digital stay at IITR as comfortable as possible.
- Responsible for providing compliant, consistent and coherent UI/UX and software design, across all apps and services

#### Vice President | Geek Gazette, IIT Roorkee

May 2021 - July 2022

- Manage a team of about 60 students across all years working together for the institute's technical magazine.

#### Contributor | Fedora

February 2021 - Present

- Sponsored Member, mentored by Mairin Duffy, designer at Red Hat.
- Improve end-user experience with coherent and intuitive designs for Fedora Discourse using SCSS and Tiled Editor.

### References

#### Siddharth Maheshwari

Co-founder  
Newton School  
siddharth@newtonschool.co

#### Harsh Raj Singh Thakur

Principal Software Engineer Manager  
Microsoft India  
thraj@microsoft.com