



Prateek Rohilla

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Computer Science student at TU Dresden, with experience in web development and Cloud. Interested in creating unique web products and learning about highly scalable systems.

EDUCATION

TU Dresden

Distributed Systems Engineering/M.Sc.

- Systems Engineering, Security, System Design

Dresden, Germany

July 2024 (expected)

GGSIPU

Computer Science and Engineering/B.Tech.

- Programming, Applied Maths, Web engineering (grade: 1.7)

New Delhi, India

2018 August - 2022 July

WORK EXPERIENCE

Assemblio

Working Student (Frontend)

- Implemented Collision Detection in Assemblio's 3D Assembler.
- Refactored form validation with Joi throughout the application resulting in multiple bug fixes.
- Enhanced user navigation by restructuring the layout, resulting in reduced user clicks.

TypeScript, React, React three fibre, three.js, Mantine

Stuttgart (remote), Germany

May 2023 - Sept 2023

Netomi

SDE Intern (Frontend)

- Developed the front end of the agent desk integrator tool and integrated it with the proxy server.
- Implemented multiple high-level components in Vue and React, including a code editor.
- Created custom nodes and their editors with multiple input types.
- Optimised algorithms for node addition/deletion resulting in speeding it up by 75%.
- Re-engineered the method by which file-related operations were carried out on the server.

TypeScript, SASS, VueJS, React, Redux, Koa, MySQL, Sequelize

Gurugram, India

Dec 2021 - Sept 2022

Robofied

Frontend Developer Intern

- Developed DMIS211 web app that helps users find shelter, food and other resources.
- Optimised front-end deployments with Github actions.
- Restructured state management with Redux.
- Integrated google maps for better interactivity.
- Created a chat interface powered by Zulip.

HTML, CSS, React, JavaScript, Python, GoogleMaps, Git/GitHub

Gurugram

Dec 2020 - Nov 2021

VOLUNTEERING AND CO-CURRICULAR

Prakriti MSIT (student club)

Graphic Designer

- Created graphics for posters for Prakriti's environmental awareness campaign.
- Organised visits to animal care centres and food donation drives.

Delhi, India

2018 - 2021

Hack the North

Mentor

- Provided insights and feedback on JS projects and assisted teams in troubleshooting niche issues.

Remote, Canada

SKILLS & INTERESTS

Skills: TypeScript/JavaScript, Node, React, REST, Git/Github, Docker, AWS, GitHub Actions, MySQL, Postgres, Python, Django.