



## 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.*

**Dresden, Germany**

*July 2024 (expected)*

- Studied core subjects such as Systems Engineering, Security, and Distributed Systems.
- Engaged in hands-on assignments leveraging Java, EJB, Docker and Golang.

#### GGSIPIU

*Computer Science and Engineering/B.Tech.*

**New Delhi, India**

*2018 August - 2022 July*

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

### WORK EXPERIENCE

#### Assemblio

*Working Student (Frontend)*

**Stuttgart (remote), Germany**

*May 2023 - Sept 2023*

- Implemented Collision Detection in Assemblio's 3D Assembler.
  - Refactored form validation with Joi throughout the application resulting in multiple bug fixes.
- TypeScript, React, React three fibre, three.js, Mantine*

#### Netomi

*SDE Intern (Frontend)*

**Gurugram, India**

*Dec 2021 - Sept 2022*

- 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.
  - Re-engineered the method by which file-related operations were carried out on the server.
- TypeScript, SASS, VueJS, React, Redux, Koa, MySQL, Sequelize*

#### Robofied

*Frontend Developer Intern*

**Gurugram**

*Dec 2020 - Nov 2021*

- Developed DMIS211 web app assisting users in finding shelter, food, and other resources.
  - Crafted backend APIs using Django for efficient data handling and user management.
  - Integrated a chat interface powered by Zulip, enhancing user-to-user interactions.
  - Optimized front-end deployments with Github actions and restructured state management.
  - Enhanced location services by integrating Google Maps, providing interactive resource mapping.
- HTML, CSS, React, JavaScript, Python, Django, MySQL, GoogleMaps, Git/GitHub*

### VOLUNTEERING AND CO-CURRICULAR

#### Prakriti MSIT (student club)

*Graphic Designer*

**Delhi, India**

*2018 - 2021*

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

#### Hack the North

*Mentor*

**Remote, Canada**

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

### SKILLS & INTERESTS

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