

# HARSHITA TYAGI

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🌐 [Linkedin](#)

🐙 [Github](#)

🔗 [LeetCode](#)

📁 [Portfolio](#)

## EDUCATION

**National Institute of Technology Raipur**

**2021 – 2025**

*B.Tech - Electrical Engineering - CGPA - 8.52*

*Raipur, Chhattisgarh*

**Sophia Girl's Senior Secondary School**

**2020 – 2021**

*Higher Secondary Education (CBSE)- Percentage - 94.4*

*Saharanpur, UP*

**Sophia Girl's Senior Secondary School**

**2018 – 2019**

*Higher Secondary Education (CBSE)- Percentage - 99*

*Saharanpur, UP*

## EXPERIENCE

### SYNC INTERN'S

**July–Aug 2023**

*Web Developer Intern*

- Developed and maintained responsive web interfaces using HTML, CSS, and JavaScript.
- Utilized React.js for scalable web projects and optimized performance.
- Participated in code reviews and managed code with Git.

## TECHNICAL SKILLS

**Languages:** C++, C, JavaScript, SQL

**Frontend Technologies:** HTML5, CSS3, Bootstrap, ReactJs

**Backend Technologies:** NodeJs, ExpressJs, Database: MongoDB, MySQL

**Technical Subjects:** OOPS (using C++), Operating System, DBMS

**Other Technologies:** VS Code, GIT, GITHUB, Postman, Netlify, Render

## PROJECTS

**DoubtSmasher** 📄 | [React.js](#), [MongoDB](#), [Express.js](#), [Node.js](#)

**2023-24**

- Developed DoubtSmasher, a MERN stack app to foster a supportive learning community in my college.
- Features for posting questions and providing answers, promoting collaborative learning among college juniors.
- Ensured compatibility across various devices and screen sizes for an optimal user experience.
- Implemented secure user authentication with JWT and password hashing.

**Memorify** 📄 | [React.js](#), [MongoDB](#), [Express.js](#), [Node.js](#)

**2023**

- Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React.js, Node.js) for users to create, edit, and organize personal memories.
- Implemented a responsive and user-friendly interface with React, ensuring seamless navigation and an engaging user experience across various devices.
- Utilized MongoDB for flexible and scalable data storage, enabling efficient retrieval and management of user-generated content.

**DijkstraViz** 📄 | [JavaScript](#), [CSS](#), [HTML](#), [Data Structures and Algorithms](#)

**2022-23**

- Developed an interactive visualizer for Dijkstra's algorithm using HTML, CSS, and JavaScript.
- Enabled users to create and manipulate graphs dynamically for custom visualizations.
- Implemented real-time updates to visualize the algorithm's progress step-by-step.

## ACHIEVEMENTS

- Winner in the Mock Placement organised by Sahyog Club, NITRR (2023).
- Ranked 2 in Pitch the Peculiar: Hackathon (2022).
- Completed 400+ coding challenges across several coding sites with a **40+ day streak** on LeetCode with highest rating of 1595.
- District topper in high school (2020)

## POSITION OF RESPONSIBILITY

- Technical Executive, Makerspace Committee, NIT Raipur: Assisted in the development and maintenance of the Makerspace website and contributed technical expertise to project teams.
- Documentation Executive, Literati Committee, NIT Raipur: Handled documentation tasks required for events and activities of the committee.