

# HARSH TRIPATHI

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## Education

Guru Gobind Singh Indraprastha University

Nov. 2022 – August 2026

- Bachelor of Technology in Computer Science & Engineering

Delhi, India

## Experience

Web Stack Academy

Feb. 2024 – April 2024

Web Development Intern

India

- Orchestrated the development of "**HomelyHub**" a rental property platform, boosting user engagement by 20% through comprehensive involvement in the SDLC.
- Created **secure user authentication features** using HTML, CSS, JavaScript, and React.js, enhancing security for **sign-ups, logins, and profile management**.
- Designed advanced search and filter functionalities** with JavaScript, enhancing user experience by **enabling effortless property location based on location, dates, pricing, and amenities**.
- Improved **property listing and booking systems** with React.js, **reducing page load times by 25%** and providing **real-time updates** on availability.

Edunet Foundation

Dec. 2023 – January 2024

Software Development Intern

India

- Designed a user-friendly **job portal** with **registration, job posting, and advanced search functionalities**, increasing user engagement by 10%.
- Applied **responsive design techniques**, boosting mobile responsiveness by 30% and enhancing cross-device compatibility.
- Established **form validation** and **real-time feedback mechanisms**, reducing user error rates by 15% and improving user satisfaction.
- Enhanced page load times by 25%**, significantly boosting overall site performance.

## Projects

FocusBoost Chrome Extension | HTML, CSS, JavaScript | [Demo Video](#) | [GitHub](#)

July 2024

- Created a customizable **Pomodoro timer** for FocusBoost, enhancing productivity by 20% with **start, stop, reset, and custom interval features**.
- Introduced a **Daily Goals section**, boosting task management efficiency by 25% through **adding, managing, and tracking daily tasks with due times**.
- Developed a session **tracking system**, increasing productivity monitoring by 30%, and a **motivational quotes feature**, improving user engagement by 15%.
- Refined **background operation with notifications**, improving user experience by 20% by **seamlessly alerting users at the end of focus periods and breaks**.

Web News App | JavaScript, API | [Demo Video](#) | [GitHub](#)

June 2024

- Directed a dynamic news app with **Newsapi** displaying the **latest headlines across categories**, boosting user engagement by 20%.
- Implemented a responsive UI using HTML, CSS, and JavaScript, enhancing user satisfaction by 15% with **easy navigation and dynamic news categories**.
- Innovated a **dark mode feature**, increasing session duration by 10% through improved **readability** and user **comfort**.
- Devised advanced **search functionality**, reducing search time by 20% via event listeners and API integration for efficient article retrieval.

Expense Tracker | JavaScript, CSS | [Live Link](#) | [GitHub](#)

May 2024

- Developed an **Expense Tracker application**, implementing **total calculation, deletion, and editing features**, increasing user engagement by 40%.
- Introduced a **date field** for each expense, improving data accuracy and reporting by 25%.
- Enhanced user experience with **local storage** for data persistence, boosting user retention by 35%.

## Technical Skills

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

**Frameworks & Libraries:** HTML, CSS, React.js

**Developer Tools:** VS Code, Git, GitHub

**Technologies:** Data Structures & Algorithms, OOPS, DBMS

**Operating Systems:** Windows/Linux

**Soft Skills:** Communication, Problem-solving, Adaptability, Team Building.

## Leadership / Extracurricular

- Achieved a **Top 10 Place** in the Limitless **Hackathon** organized by Mercer Mettl.
- Training and Placement cell Coordinator.
- IIT DELHI Campus Ambassador.