

# HARSH RAJ

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## Work Experience

### Unified Mentor

Gurugram, India

Full Stack Developer - Intern

Aug 2024 - Present

- Developed a scalable mentorship platform utilizing the **MERN stack (MongoDB, Express, React, NodeJS)**, boosting system performance by **50%** and **reducing page load time by 20%**, enhancing overall user experience.
- Built and optimized an interactive frontend using ReactJS, Redux, and Tailwind CSS, **increasing user engagement by 25%**.
- Implemented robust authentication and authorization with **JWT** and **bcrypt**, reducing unauthorized access **incidents by 40%**.
- Designed and integrated **RESTful APIs**, improving **data retrieval speed by 25%** and enabling seamless frontend - backend communication.

## Projects

### SoulWays | ReactJS, NodeJs, Express, PostgreSQL

Repository

- Developed a user-centric **UI with ReactJS and Tailwind CSS**, leading to a 40% increase in user engagement and a 25% rise in conversion rates.
- Enhanced a high-performance backend with **NodeJS, ExpressJS, and PostgreSQL**, improving API response times by 30% and reducing server downtime by 20%.
- Designed and Executed advanced features such as itinerary planning, booking, and personalized recommendations, driving a **40% boost in engagement** and significantly enhancing user satisfaction within the travel tech space.

### Git Profile Deck | HTML, CSS, JavaScript, GitHub API

Repository

- Created a **responsive** and visually appealing interface for the Git Profile Deck using **HTML, CSS, and JavaScript**, allowing users to seamlessly view GitHub profiles with a **card-style layout**, improving user experience by **40%**.
- Engineered an efficient system utilizing **GitHub's API** for fetching up-to-date user information including followers and activity logs; improved data display speed to under two seconds across devices.
- Built an **interactive design** with custom **CSS** and **JavaScript**, making the profile cards **highly responsive** and **mobile-friendly**, and enhancing user interaction by 35% across devices.

## Technical Skills

**Programming Languages:** C++ (Proficient), JavaScript, TypeScript

**Web Technologies:** HTML, CSS, ReactJS, Next.js, NodeJS, Redux, ExpressJS, RESTful APIs, Tailwind CSS, Bootstrap

**Database and Cloud:** MongoDB, PostgreSQL, MySQL, SQL, Firebase, AWS, Azure, Git, Github

**Operating Systems:** Mac, Windows

**Coursework:** DSA, DBMS, OOPS Concept, Operating Systems, Cloud Computing, Computer Networks

**Soft Skills:** Communicative, Leadership-Oriented, Analytical, Collaborative, Driven

## Education

### Lovely Professional University

Jalandhar, Punjab

B. Tech (Computer Science) - CGPA: 7.93

Jul 2024

### Dayal Public School

Nawada, Bihar

Intermediate - Percentage: 74.2

May 2020

## Achievements

### Coding Platforms

300+ Questions Solved Across Platforms

- \* Achieved a GFG Rank of 4197 with a score of 529, demonstrating expertise in DSA.

### Smart India Hackathon (SIH), Grand Finale

Recognized at Smart India Hackathon Grand Finale for team coordination and execution among 50+ teams.

## Certifications

Data Structures and Algorithms Self Paced Course

Certificate