HARIOM SINGH

singh.hariom6199@gmail.com | +91-7232915260 | github.com/singhHariom1 | linkedin.com/in/hariom-singh6199

Education

Gurukul Kangri Vishwavidyalaya, Haridwar, India	**2021 - 2025**

- Computer Science and Engineering| CGPA: **7.89**

Central Hindu School, Varanasi, India	**2019- 2020**

- *CBSE (Class XII), Percentage:*75

Central Hindu School, Varanasi, India	**2017- 2018**

- *CBSE (Class X), Percentage:*91

Skills

C++ | C | Java | Python | HTML | CSS| JavaScript | NodeJS | React | MongoDB | Express | Data Structures and Algorithms |Git | Github | NextJS

Internships

Techpyro	Web Developer	**May'2023 – Jul'2023**

- Enhanced user experience by developing and maintaining responsive web applications, improving page load times by **30%**
- Designed and implemented user-focused features that increased user retention by **25%**
- Collaborated with cross-functional teams to deploy scalable solutions using the MERN stack.
- Tech Stack: MongoDB, Express.js, React.js, Node.js

Projects

E-learning Platform	*(Nov'2024 - Present)*

- Engineered a full-stack MERN-based e-learning platform with Redux (RTK Query), Shadcn UI, and Tailwind CSS, ensuring a modern and seamless UI/UX.
- Implemented role-based authentication & protected routes using JWT, securing 100% of user accounts from unauthorized access.
- Developed a scalable course management system, allowing admins to add, edit, delete, publish/unpublish courses with real-time updates.
- Integrated Stripe for secure payments, enabling instant course purchases and automated enrollments through webhooks.
- Designed and optimized a course progress tracker, improving learner engagement by 40%.
- Built a search & filter system to enhance course discoverability, reducing course search time by 50%.
- Implemented Multer & Cloudinary for efficient media uploads, reducing file storage costs by 30%.
- Designed a fully responsive UI with dark/light mode, improving accessibility and user satisfaction.

Real-time Chat Application	*(Jun'2024 – Aug'24)*

- Built a real-time messaging platform using MERN, Socket.io, Zustand, and Tailwind CSS.
- Implemented JWT authentication and protected routes, securing user communication.
- Designed real-time messaging and online presence tracking with Socket.io, achieving low-latency updates.
- Optimized state management with Zustand, enhancing application performance.
- Deployed a scalable and cost-efficient solution, ensuring high availability and uptime.

Academic and Extracurricular Achievements

- Achieved **All India Rank 84 in NSTSE** and qualified for **NTSE Stage 1**, demonstrating strong analytical skills
- Scored **83% in TCS NQT**, reflecting strong problem-solving and technical abilities.
- Completed a MERN Stack Developer internship, contributing to the successful deployment of **two live projects**
- Organized **monthly coding contests** and mentored peers as an active member of the college coding club
- Represented college at **the IBM CSR Annual Event 2024**, showcasing leadership and technical skills

Positions of Responsibility

Communicode | Head   **Sep' 2022 - Jan'2023**
- Led and managed events, including gaming competitions, chess tournaments, and coding contests, registering **150+ participants**
- Introduced **monthly DSA problem-solving contests**, increasing engagement by **25%** and fostering peer learning

JNANAGNI | Core Member   **Nov'2023**
- Organized 10+ technical events, including workshops and coding competitions, at Jnanagni, the annual technical fest
- Coordinated logistics and planning, ensuring smooth execution and attracting 500+ participants