

Harsh Srivastav

Location: India

[LinkedIn](#) | [Leetcode](#) | [GitHub](#)

Email: srivastavaharsh8055@gmail.com | Mobile: +91 9119828184

TECHNICAL SKILLS

Languages : JavaScript, C++, Golang , HTML, CSS

Frameworks: React.js, Express, Node.js

Databases : MongoDB, Postgresql

Dev Tools : Visual Studio Code, Git, GitHub

CS Essential : OOPS, DBMS, COMPUTER NETWORKS, OS, SYSTEM DESIGN

EXPERIENCE

Unsigned Labs

Remote

Software Developer Intern

May 2024 – Jul 2024

- Developed a secure, decentralized chat application using the Nostr protocol, leveraging NIP-44 for end-to-end encryption with ChaCha and HMAC-SHA256.
- Implemented decentralized identity and access control using NIP-07, NIP-46, and NIP-49, eliminating the need for centralized user databases.
- Built auxiliary RESTful APIs using Node.js and deployed containerized services with {Docker on Render, utilizing Redis for ephemeral data caching and async operations.

PROJECTS

QuickPost

React, Tailwind CSS, Node.js, Express, MongoDB

[Source Code](#)

- Full-stack microblogging platform built with React and Tailwind CSS for a responsive UI and real-time updates.
- Implemented CRUD operations using Node.js and Express, enabling users to create, read, delete posts, and view profiles.
- Integrated authentication and authorization to enhance security by 80%. MongoDB ensures efficient data handling.

ShopSphere

React, Sass, Node.js, Express, TypeScript, MongoDB

[Source Code](#)

- Responsive e-commerce platform using React and SASS; improved code readability and reusability by 30%.
- Unified user and admin dashboards with multi-user authentication via Firebase.
- Features include cart, order history, payment integration with Stripe, and advanced search.
- Admin dashboard visualizes analytics with charts, coupon generators, and tables.

Video-Call

Go, Next.js, Tailwind CSS

[Source Code](#) [Demo](#)

- Reduced server-side latency by 20%, enhancing user experience for real-time video calls.
- Built a scalable signaling server in Go with a modern frontend using Next.js.

ACHIEVEMENTS

Knight on LeetCode

- Earned Knight Badge (1850+ rating), solved 700+ problems, ranked in top 5%.

3 on Code-chef

- Participated in 50+ coding contests and consistently ranked.

VOLUNTEER EXPERIENCE

Core Member, Programming Club

- Conducted workshops on advanced programming for 50+ students, fostering coding interest.

EDUCATION

PDPM Indian Institute of Information Technology, Jabalpur

MP, India

B.Tech in Computer Science, GPA: 7.6

Dec 2021 – Present

CERTIFICATIONS

Operating Systems - NPTEL

- Completed OS course by IIT Kharagpur, gaining in-depth understanding of process management and memory architecture.