

# Harsh Srivastav

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

Location: India

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## 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

*Software Developer Intern*

Remote

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 , GPA: 7.4

Dec 2021 – July 2025

## CERTIFICATIONS

### Operating Systems - NPTEL

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