

Harsh Shrivastava

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SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, C++
- **Web Technologies:** Next.js 14, React.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS, Shadcn/UI
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Tools:** Git, GitHub, Vercel, VS Code, Postman, Docker

WORK EXPERIENCE

TechCarrel LLP

Sep 2025 – Nov 2025

MERN Stack Developer Intern

- Contributed as a Frontend Developer to the **VUT (Video Uploading Tool)**, a secure, high-quality video recording platform.
- Developed a scalable, responsive frontend using **Next.js** and **Tailwind CSS**, optimizing component rendering which resulted in a seamless user experience across devices.
- Integrated critical **REST APIs** with the backend team, streamlining data flow and significantly enhancing upload reliability and system performance.

PROJECTS

Travel Buddy - Full Stack Social Travel Platform

Tech Stack: Next.js (App Router), TypeScript, Express, PostgreSQL, TypeORM, Tailwind, Zustand

- Architected a decoupled Next.js-Express/PostgreSQL platform with TypeORM for relational user, trip, and join-request data.
- Engineered an advanced authentication system incorporating email-based OTP verification and secure password reset flows using ephemeral JWTs and Brevo, integrated with NextAuth.js.
- Built a dynamic Organizer Dashboard utilizing Zustand for global state management to handle real-time trip approvals, deploying the distributed architecture on Vercel, Render, and Neon DB.
- [Live Demo](#) | [GitHub Repository](#)

Codial - Developer Portfolio & Project Sharing Platform

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Zustand, JWT

- Engineered a full-stack developer platform using the MERN stack, enabling users to showcase portfolios with real-time search and filtering capabilities.
- Architected a modular frontend implementing Zustand for efficient global state management and reusable compound components to ensure a scalable codebase.
- Developed a secure RESTful API with Node.js and Express, integrating JWT authentication for protected routes and optimizing MongoDB aggregation pipelines for faster data retrieval.
- [Live Demo](#) | [GitHub Repository](#)

Shopping Cart - E-commerce Interface

Tech Stack: React.js, Tailwind CSS, Redux Toolkit

- Designed a highly interactive shopping cart utilizing **Redux Toolkit** for complex state management, ensuring synchronized cart data across the application.
- Implemented persistent state using local storage to retain user cart data across sessions, reducing cart abandonment rates.
- Built a fully responsive UI with Tailwind CSS, ensuring pixel-perfect rendering across mobile and desktop viewports.
- [Live Demo](#) | [GitHub Repository](#)

EDUCATION

ShriRam College of Engineering & Management

Bachelor of Technology in Computer Science & Engineering

Sep 2021 – June 2025

CGPA: 7.7