

HARSHIT PANT

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

CAREER OBJECTIVE

Results-driven Computer Science student (Expected 2026) with specialized expertise in MERN stack development, modern software architecture, and real-time data synchronization. Passionate about engineering scalable web applications and optimizing backend infrastructure. Seeking an entry-level Full Stack Developer position to leverage full-stack capabilities, build user-centric solutions, and drive impactful technical outcomes.

EDUCATION

Uttarakhand Technical University | B.Tech in Computer Science

Current SGPA: 7.3/10 | 2022 – 2026

Central Board of Secondary Education (CBSE) | Class XII

Percentage: 76% | 2021 – 2022

TECHNICAL SKILLS

- **Languages:** JavaScript, C++
- **Web & API Technologies:** HTML, CSS, Node.js, RESTful APIs, JSON, Axios
- **Frameworks & Libraries:** React.js, Express.js, Tailwind CSS, Bootstrap CSS
- **Tools & IDEs:** Git, GitHub, Postman, VS Code, Render, Vercel
- **Databases:** MongoDB, SQL, NoSQL

PROJECTS

VantaWear – E-Commerce Application | MERN, Tailwind CSS, JWT, Context API

- Engineered a **serverless full-stack e-commerce platform** utilizing the **MERN stack (MongoDB, Express.js, React, Node.js)**, deploying to Vercel's edge network to achieve sub-second global load times.
- Designed a **secure Stripe payment pipeline** with a **custom webhook controller**, implementing a 'Pending Order' database pattern to bypass 500-character payload limits and **guarantee 100% transaction consistency**.
- Designed a **cross-domain authentication system** using secure, **HTTP-only JSON Web Tokens (JWT)**, configuring custom reverse proxy rewrites in Vercel to **successfully bypass modern third-party cookie blockers**.
- Developed a **protected admin command center** featuring **real-time data visualization via Recharts**, allowing for the live management of 50+ dynamic inventory items and revenue tracking.

Chummy – Real-Time Chat Application | MERN, Tailwind CSS, JWT, Context API

- Designed a **scalable, real-time communication** platform utilizing the **MERN stack**, ensuring **instant message delivery** and **seamless live UI synchronization** without manual refreshes.
- Engineered a **secure authentication pipeline** deploying **JWT, HTTP-only cookies**, and **bcrypt password hashing** to guarantee **robust session management** and **data protection**.
- Designed a **fully responsive, multi-theme frontend ecosystem** using **React.js** and **Tailwind CSS**, streamlining **global state management** via the **Context API**.
- Structured a **production-ready MVC backend** featuring **modular controllers**, efficient **MongoDB data modeling**, and robust **cross-origin resource sharing (CORS)** configurations.

NoteZipper – Secure Notes Management | MERN, React Router, Express-Validator

- Developed a **full-stack data management system** featuring comprehensive **CRUD capabilities** and strict route protection enforced by **custom authentication middleware**.
- Integrated **Optimistic UI principles** to drastically minimize **perceived latency**, delivering instant visual feedback during user interactions and database updates.
- Implemented **client-side real-time search and filtering** functionalities, optimizing **data retrieval efficiency** for end-users based on **title and content attributes**.
- Secured backend **RESTful APIs** using **Express-Validator** for rigorous **input sanitization** and built-in **local storage failover mechanisms** to ensure **uninterrupted access**.