

HARSHIT PANT

Full-Stack Engineer | MERN · Python · AI Integrations | Open to SWE / Full-Stack / Web Dev / SDE Roles

harshpant778@gmail.com · [+91-7983195569](tel:+91-7983195569) · [LinkedIn](#) · [GitHub](#) · [Portfolio](#) · [Leetcode](#) · Haldwani, Uttarakhand

ABOUT

Final year CS undergrad (B.Tech 2026) who ships end to end features - payment pipelines, real-time messaging, and NLP-driven tools - to real users in production. Comfortable owning a feature from database schema to deployed UI, looking for a team where that ownership matters.

SKILLS

Languages JavaScript (ES6+), C++

Frontend React.js (Vite), Tailwind CSS, Bootstrap, Framer Motion, Context API

Backend Node.js, Express.js, RESTful APIs, WebSockets (Socket.io), MVC architecture

Databases MongoDB (Mongoose), SQL fundamentals, NoSQL design patterns

Auth & Security JWT, HTTP-only cookies, bcrypt, reverse-proxy CORS config (Vercel rewrites)

AI / ML Python, Flask, spaCy, scikit-learn (cosine similarity), pdfminer.six, Gemini API

DevOps & Tools Git, GitHub, Postman, Render, Vercel, VS Code, Clerk

Problem Solving 150+ LeetCode problems (Easy-Medium-Hard) · C++ · Arrays, Strings, Linked Lists, HashMaps, Stack, Tree, Queue, Recursion

PROJECTS

SkillSync: NLP-Driven ATS Matching Engine

MERN · Python · Flask · spaCy · scikit-learn · Gemini API · Vercel · Render [[View Live](#) | [Source Code](#)]

- Why it matters: Job seekers struggle to pass ATS filters. Built an end-to-end tool that scores a resume against a job description using NLP and gives actionable fixes - live in production.
- Architected a microservices split: Node.js handles auth/routing while a dedicated Flask service runs CPU-heavy NLP (cosine similarity via spaCy + scikit-learn), keeping API p99 latency under 15 s even on free-tier infrastructure.
- Solved a cross-origin cookie problem on Vercel's edge network by configuring custom rewrite rules as a reverse proxy - a real production constraint, not a tutorial workaround.
- Cut server-side rendering costs to zero for report generation by using the browser's native Print API to produce vector-based, highlightable PDFs directly from the DOM.

VantaWear: Full-Stack E-Commerce Platform

MERN · Stripe Webhooks · JWT · Tailwind CSS · Recharts · Vercel [[View Live](#) | [Source Code](#)]

- Why it matters: Built a complete shopping experience - product catalogue, cart, checkout, and admin dashboard - not a tutorial clone; every layer is custom.
- Solved Stripe's 500-character webhook payload limit with a 'Pending Order' database pattern that guarantees 100% transaction consistency even when webhooks fire out of order.
- Implemented a secure cross-domain auth flow (HTTP-only JWTs + Vercel reverse proxy rewrites) that passes modern browser third-party cookie blocking.
- Built a live admin dashboard with Recharts to manage 50+ inventory items and track revenue in real time - reducing manual overhead for store operations.

Chummy: Real-Time Chat Application

MERN · Socket.io · JWT · bcrypt · Tailwind CSS · Context API [[View Live](#) | [Source Code](#)]

- Why it matters: Real-time features are a common interview ask; built this to deeply understand WebSocket lifecycle, event-driven state, and concurrent session management.
- Engineered bidirectional real-time messaging with Socket.io - instant delivery and live UI sync without polling or manual refresh.
- Secured the auth pipeline end-to-end: JWT issuance, HTTP-only cookie storage, and bcrypt hashing, all wired through a clean

MVC Express backend.

- Implemented multi-theme UI switching with Context API for global state - zero prop-drilling across a complex component tree.

EDUCATION

B.Tech in Computer Science - Uttarakhand Technical University | 2022-2026 | SGPA 7.3/10

Class XII (CBSE) - 2022 | 76%