

Chetan Shrivas

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EDUCATION

Guru Gobind Singh Indraprastha University

B.Tech in Information Technology

Nov 2022 – Present

Delhi, IN

Senior Shree Ram Model High School

Senior Secondary (CBSE, PCM)

Apr 2021 – Mar 2022

Faridabad, IN

PROJECTS

CVisionary

Puter.js, React Router 7, Tailwind CSS, TypeScript, Vite, Docker

- Developed an AI-powered resume analyzer using NLP to align resumes with job descriptions.
- Used open-source AI models to extract and evaluate key resume sections, improving content relevance by 45%.
- Optimized PDF parsing with semantic matching and real-time rendering, cutting processing time by 60%.
- Set up a fast, consistent dev workflow using Vite, TypeScript, and Docker with 35% faster builds.

Brain-wave

HTML, Tailwind CSS, JavaScript, React.js, Node.js, Vite

- Engineered a frontend using React.js and Tailwind CSS, ensuring smooth, responsive UX across 10+ devices.
- Embedded client-side routing using React Router DOM for fast, seamless navigation in a single-page app.
- Augmented interactions using React-Just-Parallax animations and effects to boost engagement and visual appeal.
- Streamlined workflow with Vite and ESLint, reducing build time by 40% and improving maintainability by 30%.

Tomato

HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, JWT

- Showcased a Adaptive storefront with category carousels and featured product sliders, managing 80+ SKUs with React components and MongoDB back end.
- Reduced oversells by 30% by implementing real-time inventory tracking and stock alerts using MongoDB change streams, ensuring 100% accuracy in stock levels during checkout.
- Implemented a seamless checkout flow with JWT-secured sessions, Express-handled order routes, and integrated Stripe payment options.
- Introduced personalized recommendations via simple collaborative filtering on user purchase history, increasing average order value by 20%.

E-Commerce Website

HTML,CSS, JavaScript, Bootstrap, RESTful API, MongoDB, Node.js, Express.js

- Built a full-stack e-commerce website managing 20+ products with a responsive front end, backend, and MongoDB for data management, designing RESTful APIs for seamless client-server interaction.
- Integrated user authentication, product management, and shopping cart functionality, ensuring secure transactions for 50+ customers monthly.
- Architected data retrieval efficiency by 25% through refined database queries and API endpoints.
- Implemented secure payment integration and order tracking, ensuring a smooth shopping experience.

CERTIFICATIONS

- **Full Stack (MERN) with System Design:** Udemy (Apr'24 - Aug'24)
- **Data Structures and Algorithms:** Coding Blocks (Jan'25 - Jun'21)

TECHNICAL SKILLS

Languages: C/C++, Typescript, JavaScript, HTML/CSS,

Backend: NodeJS, MongoDB, Mongoose, MySQL, NoSQL, RESTful API

Framework/Libraries: ReactJS, Node.js, Express, Bootstrap, Zod

Developer Tools: Git, VS Code, Visual Studio, Linux/Unix