Chetan Shrivas

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EDUCATION

Guru Gobind Singh Indraprastha University   November 2022 – Present
B.Tech Information Technology   *Delhi,IN*

Senior Shree Ram Model High School   2021 - 2022
senior secondary   *Faridabad,IN*

PROJECTS

Weather-App   HTML, CSS , Javascript
- Created a real-time weather application using the OpenWeather API, allowing users to check current weather conditions for any location, with over 3,000 API calls per month.
- Crafted a responsive and intuitive UI with interactive search functionality and animated weather icons.
- Accelerated API calls using async JavaScript (fetch API & async/await), improving data retrieval speed by 35%.
- Ensured smooth user experience with error handling for invalid locations and network issues.

Brain-wave   HTML , Tailwind CSS , Javascript , React.js , Node.js , Vite
- Engineered a high-performance frontend application using React.js and Tailwind CSS, ensuring a seamless and responsive user experience across 60+ devices.
- Embedded smooth navigation and adaptive routing with React Router DOM, optimizing client-side rendering for a fast and fluid browsing experience.
- Augmented user interactions with animations and parallax effects using React-Just-Parallax, improving engagement and visual appeal.
- Streamlined development workflow with Vite and ESLint, reducing build time by 40%and improving code maintainability by 30%, ensuring faster iterations and better scalability.

Tomato   HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, JWT
- Showcased a dynamic 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