

# Ravi Kashyap

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## SUMMARY

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Web Developer with hands-on experience in building responsive, user-friendly web applications using JavaScript, React, HTML5, CSS3, and backend. Skilled in creating reusable UI components, optimizing performance, ensuring cross-browser compatibility, and delivering scalable, high-performance solutions. Experienced in SEO optimization, Core Web Vitals, and Version Control (Git/GitHub).

## TECHNICAL SKILLS

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JavaScript (ES6+), React, Tailwind, HTML, CSS, Git, GitHub, Typescript, Redux toolkit, API Integration, NPM, Vite, Replit, Postman, VS Code, Netlify, Core Web Vitals, Responsive Design, Figma, Jest, NodeJS, ExpressJS, OOPS, Agile Principles, and Data Structures and Algorithms

## PROJECTS

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### Codefine: Code Editor

- Built a real-time web code editor with **React 19**, **JavaScript**, and **Vite** for instant **HTML/CSS/JS** preview.
- Implemented **debounced** (500ms) live preview with sandboxed iframe execution for safe and fluid code changes.
- Designed a custom Storage hook to persist code and user preferences across sessions.
- Enabled developers to use **Emmet** abbreviations (HTML/CSS/JS) to accelerate authoring and improve developer productivity by 10%.

[Live](#) | [Github](#)

### Personal Portfolio Website

- Developed a fully responsive personal portfolio website using HTML5, **Tailwind CSS** and **JavaScript**, showcasing projects, skills, and career development.
- Engineered a responsive portfolio website, achieving a **Lighthouse** score of 94+ by optimizing image sizes, **cssnano** and deferring offscreen images, exceeding baseline scores.
- Deployed the site through **Netlify**, with automated CI/CD build updates and continuous deployment.
- Improved **SEO by 100%** through semantic HTML, proper structured metadata and tuning.

[Live](#) | [Github](#)

### E-commerce (Frontend)

- Created an e-commerce frontend UI/UX based on an Amazon-style shopping experience by using only HTML, CSS, and **vanilla JavaScript**.
- Increased code maintainability by 30% through modular JavaScript functions, state management, and a well-organized folder structure.
- Implemented **dynamic cart management** supporting up to 40+ products with mock API and real-time add/remove/quantity update (DOM) operations.

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## EDUCATION

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### IGNOU

Bachelor's in Computer Applications

Delhi,IN

### FreeCodeCamp.org

Web Development