

Swastik Sharma

Frontend Developer

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GitHub: [SwastikSharma15](#) | Portfolio: [Portfolio Website](#) | LinkedIn: [Swastik-Sharma](#)

Professional Summary

Frontend Developer specializing in high-performance React applications. Expertise in UI/UX motion using GSAP and complex state management with Zustand and Redux. Proven track record of optimizing web performance, including achieving a **Lighthouse score of 98** and reducing render delays by **40%** through advanced React optimization techniques. Experience translating complex UI systems into scalable, reusable React components with strong performance and accessibility focus.

Technical Skills

Frontend Languages	React.js, Redux, Redux Toolkit, Zustand, Tailwind CSS, GSAP
Tools	JavaScript, HTML5, CSS3, Python, SQL
Other	Git, GitHub, Axios, Jest, Vite, npm
	REST APIs, Responsive Web Design, Web Performance Optimization, Lighthouse Audits, Figma

Projects

- **macOS Portfolio** | React, Zustand, GSAP, Tailwind CSS [Live Demo](#) | [GitHub](#)
 - Developed a macOS-style portfolio in React featuring a draggable Dock, multi-window system, and custom apps with **Zustand** for efficient state management.
 - Implemented smooth desktop-like interactions using **GSAP animations** and optimized component rendering.
 - Achieved a **Lighthouse score of 98** through lazy loading, code-splitting, and UI optimization.
- **ShopKar** | React, REST APIs, Tailwind CSS [Live Demo](#) | [GitHub](#)
 - Developed a full-featured e-commerce platform using React.js and Vite, managing **200+ products** with real-time cart updates and dynamic filtering for faster navigation.
 - Integrated **RESTful APIs** with responsive search, category filtering, and keyboard shortcut navigation, improving browsing efficiency by **30%**.
- **VS Code Web IDE** | React, Tailwind CSS, Canvas API [Live Demo](#) | [GitHub](#)
 - Built a **browser-based VS Code simulator** with core IDE panels and a dark UI.
 - Implemented **syntax-highlighted multi-file navigation**, reducing duplicated UI logic by **40%**.
 - Optimized a **Canvas-based animation system**, cutting unnecessary re-renders by **30%**.
- **Cyberpunk Edgerunners** | React, GSAP, Tailwind CSS [Live Demo](#) | [GitHub](#)
 - Created an animated Cyberpunk Edgerunners fan website with dynamic character sections and responsive layouts.
 - Optimized asset loading to improve performance and reduce layout shifts on mobile and desktop.
- **QR Attendance System** | React Native, React, Android Studio, JavaScript, Django, Firebase
 - Engineered a QR-based attendance system for college use, enabling instant scan-and-mark attendance with Python backend integration.
 - Designed real-time QR generation and scanning, reducing manual entry time by over **60%**.
 - Added social features such as food polls and community boards, improving student engagement and app activity.

Professional Experience

- **Freelance Technical Media Producer** Nov 2022 – Present
Self-Employed
 - Engineered end-to-end post-production for technical digital media, utilizing DaVinci Resolve to deliver high-retention visual storytelling for diverse clients.
- **Operational & Business Analytics Roles** Jun 2023 – Mar 2024
Webhelp / Skillish
 - Supported strategic decision-making through data-driven insights and process optimization in service operations and business development contexts.

Education

- **B.Tech in Big Data Analytics** Graduated 2023
SRM Institute of Science & Technology 83%