

Swastik Sharma

Frontend Developer

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EDUCATION

SRM Institute of Science & Technology
Bachelor of Technology in Big Data Analytics - 83%

Chennai, TN, India
Jun. 2019 – May 2023

PROJECTS

- PentaGo Online** | *React, TypeScript, Socket.io, Zustand, Framer Motion, Tailwind CSS* [Live Demo](#) | [GitHub](#)
- Built a real-time multiplayer strategy board game with React and Socket.io, supporting room-based online play and local PvP mode with shareable room links, actively managing multiple daily active users across concurrent live sessions.
 - Managed complex game state including turn logic, quadrant rotation, and win detection using Zustand, with smooth UI transitions powered by Framer Motion animations, achieving sub-100ms UI response times.
- 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 using Zustand for efficient state management.
 - Achieved a 100/100 Lighthouse and Vercel performance score via lazy loading, dynamic imports, and UI rendering optimizations, reducing initial load time by over 40%.
- 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%.
- 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% and eliminating attendance recording errors across 100+ students per session.
- Cyberpunk Edgerunners** | *React, GSAP, Tailwind CSS* [Live Demo](#) | [GitHub](#)
- Developed an animated Cyberpunk Edgerunners fan website with dynamic character sections and fully responsive layouts across all breakpoints.
 - Optimized asset loading and GSAP animation sequencing, achieving a 90+ Lighthouse performance score and reducing layout shifts (CLS) to under 0.1.

EXPERIENCE

- Freelance Technical Media Producer** Nov. 2022 – Present
SpeedX Productions
- Engineered end-to-end post-production for technical digital media, using DaVinci Resolve, delivering engaging visual content 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.

TECHNICAL SKILLS

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