

Swastik Sharma

Frontend Developer

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github.com/SwastikSharma15 | swastikmacolio.vercel.app

EDUCATION

SRM Institute of Science & Technology

Bachelor of Technology in Big Data Analytics - 83%

Tamil Nadu, India

Jun. 2019 – May 2023

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 using 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](#)

- Developed a browser-based VS Code simulator with core IDE panels and dark UI.
- Implemented syntax-highlighted multi-file navigation, decreased redundant UI logic by 40%.
- Optimized a Canvas-based animation system, reducing unnecessary re-renders by 30%.

Cyberpunk Edgerunners | React, GSAP, Tailwind CSS

[Live Demo](#) | [GitHub](#)

- Developed 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%.
- Implemented social features such as food polls and community boards, improving student engagement and app activity.

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, HTML5, CSS3, Python, SQL

Tools: Git, GitHub, Axios, Jest, Vite, npm

Other: REST APIs, Responsive Web Design, Web Performance Optimization, Lighthouse Audits, Figma