

# Swastik Sharma

Frontend Developer

swastik15.sharma.work@gmail.com | 7876639749 | [linkedin.com/in/swastik15sharma](https://www.linkedin.com/in/swastik15sharma)  
[github.com/SwastikSharma15](https://github.com/SwastikSharma15) | [swastikmacolio.in](https://swastikmacolio.in)

## 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