Swastik Sharma
Frontend Developer

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GitHub: SwastikSharma15   Portfolio: Portfolio Website   LinkedIn: swastik-sharma

Professional Summary

Frontend Developer skilled in React.js, JavaScript, and modern web technologies. Experienced in building responsive, high-performance web applications with seamless API integrations and intuitive user interfaces. Proven ability to optimize performance, enhance user engagement, and reduce load times through efficient, scalable code architecture.

Technical Skills

Frameworks/Libraries	React.js, Tailwind CSS
Languages	JavaScript, HTML5, CSS3, Python, SQL
Tools	Git, GitHub, Vite, npm, Figma, DaVinci Resolve
Other	REST APIs, Responsive Design, Machine Learning

Projects

- **ShopKar**   Live Demo   GitHub
  - Developed a full-featured e-commerce platform using React.js and Vite, managing over 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 approximately 30%.
  - Designed a mobile-first checkout experience, increasing user engagement and accessibility across devices.

- **Tidy Tasks**   Live Demo   GitHub
  - Built a task management app using React and Vite, allowing users to add, edit, delete, and categorize over 100 tasks with persistent local storage.
  - Implemented instant updates using React Hooks for smooth, lag-free task interactions.
  - Enhanced UI performance and responsiveness, reducing input-to-render delay by approximately 40%.

- **Movie Plex**   Live Demo   GitHub
  - Developed a responsive movie search platform using React.js and the TMDB API, fetching over 1,000 movie records with real-time search and filter results.
  - Used React Hooks and memoization to optimize component rendering and minimize API calls by approximately 35%.
  - Built reusable UI components, improving load time and performance across the site.

- **QR Attendance System**
  - 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.

- **Movie Recommendation Engine**
  - Built a content-based recommendation engine using Machine Learning and the TMDB dataset with over 10,000+ movie records.
  - Implemented cosine similarity and vectorization algorithms to deliver personalized recommendations based on user viewing patterns.
  - Deployed a scalable recommendation engine with comprehensive movie database integration.

- **AI Fashion Recommender**
  - Designed an AI-powered fashion recommendation system leveraging ML models to analyze user shopping patterns and seasonal trends.
  - Trained predictive models on 5,000+ data samples, improving recommendation precision by 30%.
  - Integrated weather-based and seasonal insights to deliver context-aware suggestions, enhancing user engagement and retention.

Professional Experience

- **Freelance Video Editor**   Nov 2022 – Present
  Self-Employed
    - Produced digital media content, including promotional videos and multimedia presentations for diverse clients.
    - Managed end-to-end post-production workflows, demonstrating strong attention to detail and project management skills.
- **Service Operations Analyst**   Sep 2023 – Mar 2024
  Webhelp India Private Limited
    - Delivered efficient support solutions while maintaining service quality and process accuracy.
    - Handled customer interactions across multiple platforms, ensuring timely resolutions and customer satisfaction.
- **Business Development Analytics Intern**   Jun 2023 – Aug 2023
  Skillish
    - Analyzed market trends and business metrics to support strategic decision-making and growth initiatives.
    - Developed data-driven insights to optimize business processes and improve operational efficiency.

Education

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

Certifications

- **Machine Learning** - Stanford University (Coursera)
- **React JS, JavaScript** - SuperSimpleDev
- **Problem Solving** - HackerRank
- **Database Foundations** - Oracle Academy