



Samiksha Suryawanshi

Skills

Programming Languages

- C
- Java

Frontend Development

- HTML
- CSS
- JavaScript
- React.js
- Figma

Backend Development

- Node.js
- Express.js

Data base

- MongoDB

API & Testing Tools

- Postman API

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GitHub: <https://github.com/samikshasuryawanshi>

Education

B.Tech – CSE (Data Science)

Technocrats Institute of Technology, Bhopal

RGPV University

2022 - 2026 (8.23 CGPA)

Intermediate – MPC

Govt. Excellence School Chhindwara

Madhya Pradesh Board (MPBSE)

2021 - 2022 (90.6%)

Secondary School Certificate (10th Grade)

Govt. Excellence School Chhindwara

Madhya Pradesh Board (MPBSE)

2019 - 2020 (93.6%)

Project - Movie App

Technologies used: React.js, Redux Toolkit, Axios, Tailwind CSS, Framer Motion

Developed a dynamic and responsive movie application using React.js, implementing Redux Toolkit for efficient and scalable state management.

- Integrated Axios to fetch and manage data from external movie APIs, ensuring smooth and real-time content updates.
- Styled the application using Tailwind CSS, achieving a clean, modern, and fully responsive user interface.
- Added subtle, interactive UI transitions and animations using Framer Motion to enhance user experience.
- Focused on performance, accessibility, and minimalistic design to deliver a seamless browsing experience for users.

Achievements & Certifications

- Participated in Relmagine Hackathon 2024
- Certified in Frontend Development from [Sheryians Coding School]
- C Programming certified by [Sheryians Coding School]
- Completed Backend Development Course (Node.js, Express, MongoDB)

Project - Hotel Management Web Application

Technologies used : React.js, Node.js, Express.js, MongoDB, Tailwind CSS

Building a full-stack hotel management system with React.js for the frontend and Node.js with Express.js for the backend.

- Designed to streamline hotel operations such as room bookings, customer management, check-in/check-out, and payment handling.
- Implementing MongoDB for structured and scalable database management, ensuring real-time data synchronisation.
- Crafting a responsive and intuitive UI using Tailwind CSS, with a focus on usability and user-friendly navigation.
- Integrating secure authentication and authorisation, ensuring role-based access for hotel admins and customers.

Project - E-commerce Product Showcase Website

Technologies used: React.js, Fake Store API, Axios, Tailwind CSS

Developed a modern, responsive product display website using React.js, integrating with the Fake Store API to fetch and render product listings dynamically.

- Utilised Axios for efficient API requests and state handling, ensuring smooth user interaction with product data.
- Designed a clean and user-friendly UI with Tailwind CSS, focusing on accessibility and responsive design across devices.
- Implemented features like product filtering, category-based browsing, and individual product detail pages for a better user experience.
- Practised component-based architecture and state management principles to enhance scalability and code maintainability.

Project - Brandium Website Clone

Technologies used: HTML, CSS, JavaScript, GSAP, ScrollTrigger, DOM

Manipulation

Recreated the interactive and visually engaging Brandium website using HTML, CSS, and vanilla JavaScript with a focus on pixel-perfect UI replication.

- Leveraged GSAP and ScrollTrigger to implement smooth scroll-based animations and transitions, enhancing visual storytelling and user engagement.
- Employed manual DOM manipulation to handle dynamic behaviours and interactive elements without relying on external frameworks.
- Focused on animation sequencing, performance optimisation, and responsiveness across all screen sizes.
- Gained hands-on experience in building modern, animation-rich web interfaces with clean and maintainable code.