

Priyansh Saxena

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Profile

Dynamic Software Engineer with expertise in Web Development and Data Analytics. Skilled in building responsive web applications and have strong background in analyzing data to extract actionable insights and support decision-making. A collaborative team player eager to contribute to impactful projects that bridge software engineering and data-driven solutions.

Education

Jaypee University Of Engineering And Technology, Guna, MP, India **July 2022 - Present**
Computer Science & Engineering, B.Tech CGPA- 8.7

ST. Benedict's School, Shivpuri, MP, India **April 2021 - July 2022**
Higher Senior Secondary (Class XII) Percentage- 88.2

Technical Skills

- **Programming Languages:** C++ , Python , JavaScript , Java
- **Data Structures & Algorithms:** Advanced problem-solving skills
- **Web Development:** HTML5, CSS3, React.js (with Redux), Tailwind CSS, Node.js, Express.js
- **Database Management:** MySQL, PostgreSQL
- **Data Analysis & Visualization:** Excel, Python, PowerBI, NumPy, Pandas, Matplotlib

Projects

Clone of NetFlix | React.js, Tailwind CSS, Redux Toolkit

Developed a fully functional clone of the Netflix streaming platform, showcasing proficiency in front-end development, state management, and UI/UX design. The application allows users to browse movies, view trailers, and manage their watchlist, mimicking the core functionalities of Netflix.

Key Features:

- **Search Functionality:** Users can search for movies and web series by title, genre, or actor using a dynamic search feature.
- **API Integration:** Integrated The VidSrc Api To watch Movie Online and The Movie Database (TMDb) API to fetch real-time movie data such as titles, ratings, and posters.
- **State Management with Redux:** Managed the application state (e.g., search results, user data) with Redux, ensuring a consistent and responsive user interface.

Shopping Cart Application | React.js, Tailwind CSS, Firebase, Stripe

Developed a fully functional e-commerce shopping cart application with integrated payment processing using Stripe. The project demonstrates expertise in building dynamic web applications with React, real-time database management with Firebase, and secure payment integrations.

Key Features:

- **React Components:** Built reusable and dynamic React components to manage the shopping cart, product listings, and checkout flow.
- **State Management:** Utilized React state and context for handling shopping cart data, including item quantities, totals, and user actions.
- **Firebase Integration:** Integrated Firebase for user authentication (sign up, login) and real-time data storage, allowing users to track their cart and purchase history.
- **Stripe Integration:** Implemented secure payment processing with Stripe, enabling users to make payments with credit/debit cards.

Blinkit Data Analysis Dashboard | Microsoft Excel

Developed an interactive data visualization dashboard to analyze sales performance, customer insights, and product trends for a fictional “Blinkit” app. Utilized Microsoft Excel’s advanced features to extract, organize, and visualize key metrics, providing valuable insights into sales data, product categories, and outlet performance.

Key Features:

- **Interactive Data Visualization:** Created dynamic and interactive dashboards using advanced Excel features (PivotTables, Charts, and slicers) to allow users to easily explore key sales and customer insights, providing an intuitive and engaging experience.
- **Comprehensive Sales & Product Insights:** Analyzed multiple data dimensions (sales by fat content, outlet size, and item types) to uncover actionable insights, enabling a deep understanding of product trends and customer preferences, which are critical for data-driven decision-making.

HyperCity Store Data Analysis Dashboard | Microsoft Excel

Developed an interactive Excel dashboard for analyzing and visualizing business performance metrics for HyperCity Stores. The dashboard provides key insights into sales trends, demographic data, and order status, aiding decision-makers in understanding business performance and optimizing operations.

Key Features:

- **Comprehensive Demographics Analysis:** Explored the relationship between age and gender to identify specific consumer preferences, allowing for targeted marketing and product strategies based on demographic data.
- **Channel Contribution & Sales Breakdown:** Provided a detailed analysis of sales performance across different channels and product categories, helping to optimize sales strategies and allocate resources more effectively based on channel-specific performance.

Other Accomplishments

- **LeetCode:** Solved 250+ problems, with a focus on algorithms and data structures. (leetcode.com/u/priyansh7999)
- **HackerRank:** Achieved 4-star rating, showcasing strong problem-solving skills in competitive programming. (hackerrank.com/profile/221B280)
- **CodeChef:** 2-star rating, demonstrating proficiency in problem-solving and algorithmic thinking. (codechef.com/users/priyansh799)
- **Member:** Active member of the GfG (Geeks for Geeks) Student Club, contributing to coding and learning initiatives at my college.
- **Hobbies:** Passionate about playing cricket, and enjoy listening to music as a way to relax and stay motivated.