

Raj Koirala

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I have a strong interest in using software development methodologies to address challenging issues and glean insights. In order to accelerate breakthroughs in the field of software development and engineering, I am dedicated to lifelong learning and creativity.

PROJECTS

API Configurations

- Utilized Axios, a popular HTTP client for JavaScript, to fetch data from JSON Placeholder, a fake online REST API for testing and prototyping.
- Quick handling of HTTP requests by Axios ensured that the React front-end and the API communicated with each other.
- Loaders and spinners were added to show loading states during data retrieval, giving consumers visual cues as they wait for content to load, in an effort to improve the user experience. Made significant use of the useState and useEffect hooks in the React components to control the state of the component and carry out side operations like data fetching and updating.
- The hooks enabled to efficiently manage state within functional components, ensuring a streamlined and performant user interface.

Car-Resale Price Prediction System (Final Year Project)

- API connection to allow for dynamic data updates and fetching, improving the application's responsiveness and interactivity.
- Bootstrap was utilized for styling, providing a clean, uniform and consistent design across different screen sizes.
- Zustand functioned as the state management solution, providing a quick and easy way to control the state of an application inside of the React components.

Crypto-Currency Trackers Application to keep an eye on the market values and important indicators of different cryptocurrencies in real-time.

- React's component-based architecture, the application fetches real-time crypto-currency data from a cryptocurrency API. Users can easily search for a specific crypto-currencies and receive instant updates on its current status, conditions, including various updates about the market.
- Successfully used Tailwind CSS and Next JS

Java Project on Movie Rental System for active user interaction

- Used entity framework in the Movie Rental System to streamline database interactions with SQL server.
- Included functions like browsing, finding, renting, and returning movies while maintaining data integrity and efficiency, which enables it to deal with domain-specific objects.

Car Showroom Management System created to actively buy cars from the system(Build with PHP)

- The admin has privileged access to manage registrations, review submitted information, and handle administrative tasks. Users can create accounts, log in, and view car details and buy cars on the customer side. The information provided by users is securely stored in a database.
- Used Xampp Server for the database connection.

College Management Recording System using C-Programming.

- A record management system where a customer can host multiple events, but multiple customers cannot host the same event.

EXPERIENCE

Front-End Intern

Pioneer Associate Pvt. Ltd, Pulchowk-03, Lalitpur (February-April)

EDUCATION

Orchid International College (Tribhuvan University)

Bachelor's of Science in Computer Science and Information Technology (Bsc. CSIT) aggregate of 3.20 GPA

(2019-Present) Graduating Year: 2024

SKILLS

Technical Skills

Dot Net MVC, C, C++, Java OOP,Tailwind CSS, JS, ReactJS, Nextjs, Version Control: Git /Github,
Database: MySql

Soft Skills

Leadership, Conflict Resolution,Communication Skills, Teamwork, Adaptability, Problem-solving, Time
Management, Creativity, Stress Management, Negotiation Skills, Networking, Conflict Resolution.

CERTIFICATIONS

Broadway Infosys Inc.
React JS

INTERESTS

Web Development, Software Development, Full-Stack Development,