Roshan Budhathoki

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OBJECTIVE :

An experienced React developer with a solid foundation in the IT industry, with two years of hands-on experience in leveraging React's capabilities to deliver high-quality solutions, specializing in creating robust and efficient web applications, aspiring to build solid robust applications.

PROFESSIONAL EXPERIENCE

Frontend Engineer, WISEYAK SOLUTIONS

July 2022 - April 2024

- Developed reusable components for storing patient information and medical records using ReactJs, and designed UX for pharmacy management software, including integration of a real-time backend events handling architecture.
- Built a robust system for validating patient input through React Hook Form and Yup, maintaining data flow based on the FHIR(Fast Healthcare Interoperability Resources) standard.

Frontend Developer, Trainee, WEBO DIGITAL

October 2021 - December 2021

- Assisted in developing and maintaining web apps using ReactJS, NextJs, and Tailwind CSS.
- Collaborated with senior developers to implement responsive design and improve user interface.
- Gained hands-on experience in using WordPress and headless CMS backend and version control systems like git.

PROJECTS

wisemd- Medical Software For EMR and Pharmacy System

- Utilized **Zustand** for state management and **React Query** for efficient data fetching and synchronization, enhancing the application's performance and ensuring real-time updates, ultimately contributing to the system's reliability and user satisfaction
- Spearheaded the development of **Wisemd**, an **Electronic Medical Records (EMR)** system, using **ReactJS** to create dynamic and responsive user interfaces, ensuring a seamless and intuitive user experience for healthcare professionals

hrdc-admin - Admin platform for doctor to track medical records

- Integrated **JSON form** for robust data validation, ensuring accuracy and integrity of user input.
- Managed application state efficiently using **Zustand,** facilitating smooth and seamless user experiences.

numericmind- Landing Website for Numeric Mind

- Built an inviting single-page application for a Machine Learning company, Numeric Mind as a landing page using complex design system animations.
- Integrated **Core CSS transitions and animations** for smooth user onboarding.

SKILLS

Technical: JavaScript, TypeScript, ReactJS, NextJS, ReduxJS, ExpressJS, NodeJS, MongoDB, MySQL, Webpack, RamdaJS, Java, Zustand, React Query, SASS, SCSS, Tailwind, REST, Zod, react-hook-form, Docker, Figma, Git, Material UI, etc.

Languages: English, Nepali, Hindi

EDUCATION

Post Graduate in Mobile Application Development
Fanshawe College, London, Ontario, Canada
(2024-present)
Relevant Courses: Application Development, Software Engineering, Advanced Database, Web Development, Enterprise Application etc.

B.Sc.(Hons) In Computing
London Metropolitan University
(2019-2022)
Relevant Courses: Data Structures and Algorithms, Programming Fundamental, Logic and Problem-Solving, Fundamentals of Computing, etc.