

Chintan Karki

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OBJECTIVE :

Innovative Software Engineer passionate about creating efficient, scalable, and visually appealing applications. Leveraging expertise in ReactJS (2 years+) and dedicated to best practices, I optimize performance and enhance user experiences.

PROFESSIONAL EXPERIENCE

Software Engineer I, TREELEAF TECHNOLOGIES PVT. LTD

June 2022 - Present

- Enhanced 'Anydone' performance by integrating Janus WebRTC SFU and optimizing CI/CD workflows, aligning with the fast-paced development environment.
- Integrated MQTT with protocol buffers and flatbuffers, reducing data transmission latency by nearly 40% and ensuring seamless cross-platform compatibility.
- Increased user engagement through intuitive design systems using Ant Design, Material UI, and styled components.

Frontend Intern, Trainee, CODAVATAR TECH PVT. LTD

July 2021 - December 2021

- Collaborated on various projects, implementing ReactJS, ReduxJS, Web Workers, Ant Design, and TailwindCSS, showcasing adaptability to diverse tech stacks.
- Utilized 'formik' for optimized and user-friendly forms, ensuring seamless integration with backend services and adherence to industry best practices.

PROJECTS

anydone - AI-integrated Workflow Automation Platform

- Developed scalable automation software using ReactJS, Redux, Saga middleware, MQTT, protocol buffers, and Janus SFU for WebRTC aligning with the job's requirement for SaaS product development.
- Implemented CI/CD workflows for efficient software development, ensuring code quality, stability, and agility.

KhojBin - Search Portal for Nepalese E-commerce Platforms

- Engineered a robust ReactJS application with Zustand, Tailwind, Django REST, MySQL, drf-social-oauth2, and aiohttp, showcasing expertise in frontend-backend integration. Built a NodeJS backend service for enhanced performance.
- Implemented Collaborative Filtering algorithm for efficient product recommendation, demonstrating expertise in data-driven decision-making.

timeTracko - Workforce Analytics and Productivity Software

- Built seamless frontend components using Ant Design and Tailwind, leveraging ReactJS and Redux for superior user experience, reflecting an understanding of user-centric design and usability.

SKILLS

Technical: [JavaScript](#), [TypeScript](#), [ReactJS](#), [NextJS](#), [ReduxJS](#), [ExpressJS](#), [NodeJS](#), [MongoDB](#), [MySQL](#), [Webpack](#), [Rollup](#), [Python](#), [Java](#), [Jotai](#), [Zustand](#), [React Query](#), [Saga](#), [Thunks](#), [SASS](#), [SCSS](#), [Tailwind](#), [Web-workers](#), [Websockets](#), [Worklets](#), [WebRTC](#), [FabricJS](#), [Django](#), [Django REST](#), [MQTT](#), [Protobuffs](#), [Flatbuffers](#), [Docker](#), [AWS](#), [Figma](#), [Bash](#), [Git](#), etc.

Languages: English, Nepali, Hindi

EDUCATION

B.Sc(Hons) Computing, First Class Honors, London Metropolitan University

2019-2022

Relevant Courses: Application Development, Software Engineering, Data Structures and Algorithms, Advanced Database, Artificial Intelligence, Operating Systems, etc.

LEADERSHIP AND ACTIVITIES

Hult Prize - Regional Finalist (April 2021)

- Collaborated in international brainstorming sessions, leading the creation of a prototype addressing real-world issues. [View Certificate](#)