

# Chintan Karki

Address: Biratnagar, Nepal

Email: chintankarki@gmail.com

Phone: +977-9815311290

GitHub: [github.com/Chintan-Karki](https://github.com/Chintan-Karki)

LinkedIn: [linkedin.com/in/chintankarki](https://linkedin.com/in/chintankarki)

## PROFESSIONAL EXPERIENCE

### Project Supervisor, ING Nepal

October 2024 - Present

- **Mentored 17+ Projects Across Diverse Domains:** Supervised and guided teams in completing projects in web development (SaaS, RAG, etc.), blockchain, artificial intelligence, and IoT, ensuring industry-standard quality and innovative problem-solving.

### Software Engineer, anyone LLC

June 2022 - Present

- **Increased user engagement** through intuitive design systems using Ant Design, TailwindCSS, Material UI, and styled components.
- **Improved** 'anyone' real-time communication performance by integrating Janus WebRTC SFU into the ReactJS codebase, **increasing the capacity from 10 to nearly 100 simultaneous call participants—nearly a 10x enhancement.**
- **Optimized CI/CD workflows** using micro-frontend architecture (webpack) aligning with the fast-paced development environment.
- Integrated MQTT with protocol buffers and flatbuffers, **reducing data transmission latency** by nearly **50%** and ensuring seamless cross-platform compatibility.

### 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

### Clearu - Image Background Remover

- Developed a React-based image background remover with local ML processing via Transformers.js, ensuring privacy and cross-browser compatibility with features like customizable backgrounds and export options.
- Implemented optional WebGPU acceleration for enhanced performance, leveraging models like RMBG-1.4 and MODNet, and utilized IndexedDB for local file management.

### KhajBin -Multi-platform Search Portal for Nepalese E-commerce websites.

- 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.

### 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.

### 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, Selenium, BeautifulSoup, aiohttp, Java, Jotai, Zustand, React Query, Saga, Thunks, SASS, SCSS, Tailwind, Web-workers, Websockets, Worklets, WebRTC, FabricJS, Django, Django REST, MQTT, Protobuffs, Flatbuffers, IndexedDB, Docker, AWS, Figma, Bash, Git, etc.

### Languages:

English, Nepali, Hindi

## EDUCATION

### B.Sc(Hons) Computing, First Class Honors (80.39%), London Metropolitan University

2019-2022

**Relevant Coursework:** Application Development, Software Engineering, DSA, Advanced Database, AI, Operating Systems, Networking, etc.

**Final Year Project:** “Web-based multiplatform search engine specialized for Nepali E-Commerce Platforms”. ([Documentation](#))