

# HUKUMCHAND NARWRE

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## WORK EXPERIENCE

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### Jr. Software Engineer

Jul 2024 - Present

quso.ai | JavaScript, TypeScript, React, Turborepo, Cloudflare Workers, Github Actions

Bengaluru, Karnataka

- Enhancing the content creation workflow by building tools that **automate video editing** tasks like subtitling, cutting, and B-roll integration.
- Improved **development efficiency** by merging repositories into the **monorepo** architecture, enabling **team collaboration** through shared libraries and standardized practices, **reducing deployment cycles**.
- Simplified video creation by **bypassing multi-screen** navigation flow with direct access modal editor, **reducing user friction** from 3 steps to 1 and **increasing** content creation and **user conversion** by 35%.

### Software Development Intern

Jan 2024 - Jun 2024

quso.ai | JavaScript, Redux, TypeScript, Node.js, Docker, kafka, Kubernetes

Bengaluru, Karnataka

- Transformed **static subtitles** into **animated storytelling** elements through research-driven **preview and export** system, simplifying **subtitling workflows** and driving **increased user conversion** rate.
- Eliminated slow subtitle processing by building a faster system with **Node.js**, **parallel processing**, and **Kafka**, resulting in **2.5x quicker** video downloads and improved **scalability** to handle more user requests simultaneously.
- Implemented **graceful pod termination** in **Kubernetes**, enabling seamless **Horizontal Pod Autoscaling (HPA)** based on traffic patterns to improve **scalability**, reliability, and **resource efficiency** of microservices.
- Solved **synchronization challenges** by implementing real-time subtitle editing with video/audio alignment, resulting in a 60% **increase in user engagement**.

### Frontend Developer Intern

Jun 2023 - Dec 2023

Lit Rental | React Native, Zustand, TanStack Query

Indore, MP

- As a web developer intern, I **significantly contributed** to the **Add Property and Dashboard module**, one of the important modules of LIT Rental.
- Reduced development complexity by **dynamically generating** an interface for capturing details based on the selection made by the users in **run time** and improved the **efficiency** of the business by creating an **admin dashboard**.

### Frontend Developer Intern

Apr 2022 - Oct 2022

STCO | React, Redux-toolkit, React-bootstrap, Scss

Jabalpur, MP

- As a web developer intern on the engineering team, I **contributed significantly** to the **Taxi module**, a **core component** of STCO driving platform. We were able to build a beautiful and performant user experience.
- Reduced server load and client-side energy consumption by implementing **debounced search queries** and enhancing page performance with **smooth scrolling** functionality through **intersection observer** implementation.

## SKILLS

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**Technical skills:** JavaScript, React, TypeScript, Fabric.js (canvas library), GSAP, HTML5, CSS3.

**Developer Tools and Platforms:** Git, Github Actions, Docker, Turborepo, Cursor.

## EDUCATION

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**S. B. Jain Institute of Technology, Management and Research**

Jan 2020 - June 2024

B.Tech in Computer Science and Engineering

Nagpur, MH

- **CGPA:** 8.45