

# Kishan Lal Rai

Software Engineer



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## PROJECTS

**VAYDYN** | REACT.JS, REDUX, TYPESCRIPT, TAILWINDCSS, RTK QUERY, LEAFLET

Codemunk | Feb 2024- Present

- **AI-based autonomous drone platform** Aims to revolutionize the drone ecosystem in India.
- **Implemented failsafe actions**, reducing the risk of errors or failures by **25%**.
- **Created a mission plan management interface** allowing users to create, read, delete, duplicate, download, and upload mission plans.
- **Integrated offline map functionality** using **Leaflet**, allowing users to work without an internet connection.
- **Added the ability to assign multiple actions to map points**, enhancing the flexibility of mission planning.
- **Utilized WebSocket and Redux** across the project for real-time data handling and state management, supporting features like **calibration, analytics, mission uploads, failsafe actions, and critical flight details**.

**AIRO** | NEXTJS, REDUX, TYPESCRIPT, TAILWINDCSS, RTK QUERY

Codemunk | Feb 2023- Oct 2023

- **Developed a custom e-commerce platform** for Singaporean users, focused on recommending energy-efficient AC units.
- **Built an admin portal** to efficiently manage product data, pricing, and maintenance schedules.
- **Integrated a Ghost blog** into the platform, enhancing content management and engagement.
- **Leveraged a design system and Strapi CMS** for seamless static webpage generation.

**RHYTHM** | REACT, STORYBOOK, TYPESCRIPT, TAILWINDCSS

Codemunk | May 2022- Current

- Rhythm UI is a powerful and accessible **component library** that gives building blocks to **build React applications**.
- **Optimized Rhythm components** for enhanced stability and performance, ensuring a seamless and efficient user experience.
- **Built a config generator** for Tailwind CSS in Rhythm UI, reducing setup time by **up to 50%**, enabling quick and easy customization, and significantly boosting development efficiency.

## OPEN SOURCE CONTRIBUTIONS

**ROCKET.CHAT** | JAVASCRIPT, NODE.JS | REACT

Codemunk | May 2022- Current

- Rocket.Chat is an open-source fully customizable **communications platform** developed in JavaScript.
- **Resolved visibility issues**, enabling real-time updates without page reloads, enhancing user experience and productivity. [\[link to contribution\]](#)
- **Fixed a formatting issue** for custom statuses (\*, \_), improving text clarity and communication effectiveness. [\[link to contribution\]](#)
- **Corrected a UI bug** where the skeleton loader was not displaying properly, ensuring a smoother loading experience. [\[link to contribution\]](#)

## EXPERIENCE

### CODEMONK

SOFTWARE ENGINEER

May 2022 - Present | Bangalore, India

## SKILLS

### FRONTEND TECHNOLOGIES

- Next.js
- React.js
- Redux
- TypeScript
- JavaScript
- Tailwind CSS
- Framer Motion
- RTK Query
- HTML
- CSS

### BACKEND TECHNOLOGIES

- Node.js
- MongoDB
- Strapi

### TOOLS

- Ghost
- Git
- Leaflet
- Storybook

## EDUCATION

### AMBEDKAR INSTITUTE OF TECHNOLOGY

DIPLOMA IN DIGITAL ELECTRONICS

2019 - 2022 | Delhi, India

GPA: 8.4