

# BRIJESH KUMAR SINGH

Frontend Developer

 [brij1728](#)  [Brijesh Kumar](#)  [bk10895@gmail.com](mailto:bk10895@gmail.com)  [Brijesh Kumar](#)  +917065159655

## SUMMARY

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I am a Front-End Developer proficient in React, Next.js, TypeScript, and Tailwind CSS. I focus on creating responsive web applications. I have optimized e-commerce and food delivery platforms to enhance user experience and enjoy sharing knowledge through Medium articles.

## SKILLS

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**Frontend:** React JS | Next JS | Tailwind CSS | Material UI | Redux | Context API | Vite

**Languages:** HTML | CSS | JavaScript | TypeScript

**Tools:** Git | GitHub | Figma | Vercel | VS Code

**Additional Skills:** MongoDB | Node JS

## PROJECTS

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### Saleor Storefront (Pyfox Technologies)

[Demo](#)

- **Overview:** Contributed to the Saleor storefront project by implementing front-end features, fixing critical bugs, and enhancing user experience through styling and functionality improvements.
- **Tech Stack:** React, Typescript, GraphQL, Style Components, Apollo Client, React Router DOM.
- **Implemented:** Designed and improved features like variant pickers, delivery notifications, and interactive components("Add to Cart," "Cancel Orders").
- **Optimization:** Optimized responsive design by standardizing grid templates and component styling.

### Saleor Dashboard (Pyfox Technologies)

[Demo](#)

- **Overview:** Enhanced the Saleor Dashboard for Jeevaniya Naturals by implementing features to improve order management and fixing critical issues in data accuracy.
- **Tech Stack:** React, TypeScript, GraphQL, Material-UI, Apollo Client, React Router DOM, ESLint.
- **Implemented:** Added a variant column in the order detail table for better order management and updated publicationDate values to ensure product visibility.
- **Optimization:** Improved dashboard usability and data integrity by refining table structures.

### Namaste Foodie

[Code](#) | [Demo](#)

- **Overview:** Developed a dynamic restaurant discovery application inspired by Akshay Saini's Namaste React series, leveraging Swiggy's live API for real-time data. The app is designed for scalability, performance, and reliability, integrating modern UI/UX practices and robust state management.
- **Tech Stack:** React 18, Redux Toolkit, Tailwind CSS, Parcel, Babel, Jest, React Testing Library, Express.js, CORS Proxy.
- **Implemented:** Integrated Swiggy's API to fetch real-time restaurant and menu data with personalized, location-based displays. Optimized performance using lazy loading and reusable custom hooks like useRestaurantMenu and useOnlineStatus. Enhanced user experience with a Shimmer UI for skeleton loading and a flexible, config-driven interface for easy customization.
- **Optimization:** Improved API communication using a CORS Proxy server and ensured application stability with comprehensive unit tests using Jest and React Testing Library.

## Low Level Design

[Code](#) | [Demo](#)

- **Overview:** Designed and developed an interactive front-end architecture for a low-level design project using React and TypeScript.
- **Tech Stack:** React 18, TypeScript, Vite, Tailwind CSS, React Router DOM, Axios, ESLint, Prettier, React Icons, Wikipedia API, Meme API, Husky
- **Implemented:** Built key features such as a navigation bar, accordion components, comments section, image slider, pagination, and search UI to enhance user experience and improve project scalability.
- **Optimization:** Leveraged TypeScript for type safety and React Hooks to manage state and side effects efficiently, reducing code complexity and improving maintainability.

## MongoDB CRUD Application

[Code](#) | [Demo](#)

- **Overview:** Built a CRUD (Create, Read, Update, Delete) application using MongoDB Atlas and Next.js, enabling users to manage topics efficiently.
- **Tech Stack:** Next.js, TypeScript, MongoDB Atlas, Mongoose, Tailwind CSS, React Icons, ESLint, Prettier, Husky
- **Implemented:** Developed dynamic forms for adding and editing topics, along with seamless data fetching and updating functionalities connected to MongoDB via Mongoose.
- **Optimization:** Integrated nextjs-cors for secure API communication and optimized state management using React Hooks.

## Text Editor Assignment

[Code](#) | [Demo](#)

- **Overview:** Built a text editor with undo/redo, customizable styles, and real-time editing features.
- **Tech Stack:** Next.js, TypeScript, React, Tailwind CSS, React Icons, ESLint, Prettier, Husky.
- **Implemented:** Created key components such as the text area, style toolbar, and undo/redo functionality to allow users to input, format, and modify text efficiently.
- **Optimization:** Utilized React hooks from react-use for state management and applied classnames to manage dynamic class names for responsive and efficient styling.

## EXPERIENCE

### Pyfox Technologies

September 2020 - October 2021

Software Engineer

- Developed frontend features using React, Redux, and TypeScript for e-commerce projects.
- Improved user experience with Add to Cart functionality, aiding the launch of the Jeevaniya Naturals.

### ClassKlap

June 2015 – July 2016

Intern - Content Development

- Created and reviewed personalized question papers and workbooks aligned with curriculum standards.
- Ensured high-quality, accurate content tailored to diverse learner needs, enhancing engagement.

## EDUCATION

### Ajay Kumar Engineering College Ghaziabad, UP

2013-2017

B.Tech. in Electronics & Communication Engineering

## HOBBIES

Running, Yoga, Listening to Music