

# CHINMAY BHOIR

Mumbai, Maharashtra

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## Experience

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### Jio Platforms Limited

November 2022 - Present

Software Development Engineer - 1 (Frontend - ReactJs)

Navi Mumbai, Maharashtra

#### Project 1: Jio Customer Associate (B2B E-commerce Module)

- Led the development of a B2B e-commerce Android app using **React.js**, **Redux-Saga** and **Cordova**, contributed to **over 50%** of the codebase.
- Developed critical end-to-end features like **Cart**, **Save for Later**, **Checkout**, and **Payment status pages**, along with the integration of the **Jio Payment Gateway** to ensure smooth payment processing.
- Implemented a **JWT-based single-device login authentication system**, which enhanced account security and prevented unauthorized access.
- Built Refund Approval and Etoptup Reprocess modules in the Admin Dashboard to process refunds for payment failures, order closures, and failed credit transactions, managing **over 1,000 cases monthly**.

#### Project 2: SIM Logbook

- Automated SIM Card Kit barcode scanning functionality**, transitioning from a manual paper-based system to a web application, which **reduced errors by 50%** and improved operational **efficiency by 60%**.
- Created Reports tab for **tracking logbook statuses**, including approval stages across all roles, enabling better monitoring and faster decision-making.

#### Others:

- Built an **end-to-end Admin dashboard** that streamlined backend management with **CRUD** operations.
- Revamped the UI and refactored **3,000+ lines** of legacy code to **ES6** standards, implemented **optimization techniques** to achieve a **30% improvement** in Lighthouse scores.
- Upgraded UI logic to integrate an **additional server** across two applications, expanding support from **3 to 4 servers** and redesigned interfaces to handle server-specific fields, ensuring scalability.
- Optimized** page load times and integrated **RESTful APIs** for real-time data, and implemented **responsive design** to enhance overall app performance.
- Implemented unit tests with Jest and React Testing Library, managed version control with Git and Azure DevOps.
- Worked in an **agile environment**, contributed to code reviews and ensuring high code quality and collaborating with cross-functional teams to align functionality with business requirements.

## Technical Skills

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**Frontend Technologies:** Reactjs, Nextjs, Redux Saga/Thunk, React Hooks, Context API, Material-UI (MUI), Tailwind CSS, HTML, SASS, CSS

**Languages:** JavaScript, TypeScript, C++

**Backend Technologies:** Nodejs, Expressjs, MongoDB

**Developer Tools:** Git, GitHub, Chrome DevTools, Webpack, Vite, Postman, Azure DevOps, CircleCI, Vercel

**Testing:** Jest, React Testing Library

**Fundamentals:** Object Oriented Programming System (OOPS)

## Projects

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Movie Sphere | *Reactjs, Redux Toolkit, Tailwind CSS*

[Github](#) [Live](#)

- Designed and developed a Movies Database app with **TMDB API**, implemented **debouncing** and **infinite scrolling**, which reduced search response delays by 40% and enhanced user engagement.
- Integrated VidSRC API** for video streaming, enabled users to view trailers and movies within the application.

Mint Mind | *NextJs, Tailwind CSS*

[Github](#) [Live](#)

- Implemented **server-side rendering (SSR)** with Next.js, which improved page load time by 40%.
- Integrated **interactive charts** for tracking expenses, enhanced user interaction and providing users with clearer insights into their spending habits.

## Education

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Terna Engineering College

September 2018 – May 2022

Bachelor of Engineering (B.E) in Electronics

Navi Mumbai, Maharashtra