

RAJA BABU DUBEY

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Experience

Oxyzo Financial Services (OfBusiness Group)

May 2025 – Present

Senior Software Engineer - UI

- Led the design and development of a scalable task and workflow management platform for group-wide use, enabling automation of daily operations, seamless coordination among interdependent teams, and improved visibility into organizational performance.
- Designed and implemented a scalable front-end boilerplate using modern technologies, establishing a standardized foundation that improved development efficiency and consistency across projects. This also includes a private npm registry setup to enable secure distribution and versioning of shared components across the organization.

OfBusiness

Dec 2020 – April 2025

Senior Software Engineer - UI

Gurgaon, HR

- Implemented a distributed web scraping framework using AWS Lambda and forward proxy rotation to ensure reliable, large-scale data extraction.
- Revamped the tender review system by replacing Google Sheets with an Elasticsearch backed platform, incorporating batch reindexing to reduce server load, improving operational efficiency by 3x and enhancing data tracking and visibility for the analytics team.
- Integrated user activity tracking and analytical tools like Google Analytics, Clevertap and Microsoft Clarity
- Moved common components and utilities to Bit (bit.cloud) for centralized sharing and reuse across teams and projects across organization.
- Upgraded web page speed and overall performance by increasing the performance score from 65 to 95+. Achieved this improvement using techniques such as CDN-based content delivery, Node.js server clustering, code splitting, and implementing server-side rendering (SSR) for faster initial load times.
- Contributed to various modules such as Permissions and Roles, Information Review System, and Contracts. Transitioned the permission system from hardcoded logic to a database-managed model, allowing flexible and scalable user access control. Implemented a React Higher-Order Component (HOC) that dynamically checks user permissions before binding event handlers or rendering interactive elements like buttons, inputs, or pages, ensuring secure and consistent behavior across the application.

Education

Government Engineering College

2016 – 2020

Bachelor of Engineering in Computer Science

Ujjain, Madhya Pradesh

Technical Skills

Languages: Java, JavaScript, HTML, CSS, SQL

Libraries/Frameworks: reactjs, nextjs, Springboot, redux and redux toolkit, express, zustand, emotionjs and styled components

Tools/Technologies: Webpack, RsPack, MongoDB, Elastic search, MySQL, Redis, bit.cloud, npm

Projects

Note App | Java, Spring Boot, Hibernate, MongoDB

- Developed a full-stack notebook application allowing users to create and manage multiple notebooks, each containing several pages.
- Built RESTful APIs using Spring Boot and integrated MongoDB for efficient document-based data storage.

React SSR Boilerplate | ReactJS, Express, Node.js, Babel, Webpack, SCSS, Emotion

- Developed a custom React Server-Side Rendering (SSR) boilerplate as an alternative to the Next.js framework.
- Implemented advanced features including React Server Components, SEO optimization, page streaming, and support for styled components.

Extracurricular

- Volunteered in multiple college events like Golden Jubilee Marathon, Mech-Tech-Meet, and AAYAM(Annual Function).
- Selected for SHE (Scholarship for Higher Education) - among top one percentile in Higher Secondary Examination.