

Nagendra Babu

Front-end Developer | React.js, Redux | Building Scalable Web Applications

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Availability: Can join immediately (LWD: May 16, 2025)



SUMMARY:

Frontend Developer with 4+ years of hands-on experience in React, JavaScript, TypeScript, Redux, Tailwind CSS, ES6, and Material UI. Expertise in building scalable, high-performance web applications, optimizing UI architectures, and implementing responsive and accessible designs. Experienced in solving complex UI challenges, optimizing web application performance, and staying current with emerging web technologies. Worked closely with Design, Product, and QA teams in agile environments.

TECHNICAL SKILLS:

Frontend: React.js, Redux, Tailwind, Material UI, Shadcn UI, Yup, React Query, React Testing Library, Jest, Socket.io, OAuth, Next.js, Vite, and Webpack

Backend: Node.js, SQL, Express.js, MongoDB, RESTful APIs, JWT, Mongoose, REST API, GraphQL

Languages: JavaScript, TypeScript, HTML5, CSS3, Python

Version Control & Cloud: Git, GitHub, CI/CD (Vercel), Render, AWS, Kafka.

Testing: Jest, React Testing Library, Postman

Others: Agile, Scrum

EXPERIENCE: CAPGEMINI

Project 1: CUSTOMER360

Sept 2023 - May 2025

Description: Developed a web-based dashboard for a global banking client that consolidates customer data from multiple internal services (KYC, Transactions, Credit Scores, Service Tickets) into a unified Customer360 view. The platform enabled customer service teams to get real-time insights and reduce turnaround time for service resolutions.

Roles & Responsibilities:

- Designed and implemented reusable React.js components for Customer Profile, Alerts Feed, Service Tracker, and Transaction Timeline.
- Used Redux Toolkit for scalable state management across complex nested flows.
- Integrated REST APIs using axios and implemented JWT-based auth with React Router v6.
- Reduced redundant network calls by 40% using React Query and caching.
- Ensured accessibility and responsiveness using Material UI and Tailwind CSS.
- Used TypeScript for strict typing and reduced runtime issues.
- Applied lazy loading, React.Suspense and code splitting for optimized load time and improved TTI (Time to Interactive) by 1.2s through lazy loading and code splitting.

- Wrote 40+ tests using Jest and React Testing Library and achieved 35%+ test coverage across major user flows.
- Enabled real-time updates with socket.io
- Participated in Agile sprints, UAT demos, and client feedback sessions.

Project 2: PUMPERPAL

Nov 2021 - Aug 2023

Description: Pumperpal is an online platform in the USA that allows users to request septic tank cleaning services. Users can register on the application, add their locations, and submit service requests. The system includes three modules: Admin, Technician, and Customer.

Admin module: The admin can manage requests and assign service locations to specific technicians.

Technician module: Once assigned, technicians receive location details, carry out the cleaning service, and update the status.

Customer module: Customers can track their service requests, and an invoice is generated upon service completion.

The platform ensures seamless coordination between users, technicians, and administrators for efficient service delivery.

Roles & Responsibilities:

- Designed and developed responsive and interactive UI components using React.js and Bootstrap.
- Integrated backend APIs using Axios to manage service requests and technician assignment flows on the client side.
- Implemented token-based authentication in the frontend by handling JWT tokens
- Enabled real-time UI updates for technician notifications by integrating Socket.io client into the React application.
- Used Git for version control, managed branches, and collaborated through pull requests.

EXPERIENCE: TechDev IT Solutions/Tekinsta

Project: INTERNAL EMPLOYEE RESOURCE HUB

Jan 2021 - Oct 2021

Description: A web-based internal tool built using React, Redux Toolkit, and Tailwind CSS to help employees view HR documents, company events, submit queries to HR, and manage their profiles. Built for internal use in the company to reduce dependency on email/manual communication.

Roles & Responsibilities:

- Assisted in developing the frontend of an internal Employee Resource Hub using React.js, based on wireframes provided by the design team.
- Built and reused UI components like buttons, cards, modals, and forms using Tailwind CSS to ensure a consistent look and feel across the app.
- Worked on integrating form handling features, including basic input validations and data capture for submitting employee queries.
- Used Redux Toolkit to help manage global application state (e.g., logged-in user info, submitted queries) and persist data in local storage.