

Soorya K

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Summary

Front-End Developer with **4 years** of experience building scalable, high-performance web applications using **React.js** and **Vue.js**. Strong hands-on expertise in **JavaScript (ES6+)**, **TypeScript**, **HTML5**, and **CSS3**, with proven experience in state management (**Redux Toolkit**, **Context API**), **RESTful** and **GraphQL API integration**, and responsive, accessible UI development (**Material UI**, **Tailwind CSS**). Experienced with **Jest**, **React Testing Library**, Vite, Webpack, Git, and CI/CD workflows within Agile Scrum environments. Track record of translating UX requirements into performant, cross-browser-compatible code while collaborating with stakeholders to resolve technical challenges. **Immediately available to join.**

Experience

Engineer, QBurst Technologies, Kochi

July 2022 – August 2026

Queue Management & Reservation System

Queue management system for slot and seat reservations, booking management, user administration, digital board announcements, and crowd control. Utilized intelligent slot scheduling to maintain social distancing and optimize customer flow in high-usage environments.

- Developed 10–15 screens/features using **React.js**, **TypeScript**, Functional Components, React Hooks, and Custom Hooks for booking, reservation, and queue-management workflows, applying strong React fundamentals across component design and lifecycle.
- Built global state management using **Redux Toolkit** and **Context API** to support real-time booking synchronization across complex application workflows.
- Integrated **REST APIs** fetching to support subscription flows and automated notifications, ensuring reliable frontend-backend data flow.
- Implemented **JWT-based authentication** and **Role-Based Access Control (RBAC)** across multiple user roles, securing role-specific access.
- Enhanced **accessibility (ARIA)** and built reusable, responsive UI components using **Material UI** and **Tailwind CSS**, ensuring **cross-browser compatibility**.
- Optimized application performance using **code splitting**, **lazy loading**, and **memoization**, **reducing initial load time by 30%** and significantly improving page responsiveness.
- Resolved **15+ critical production issues**; raised pull requests, addressed code-review feedback, and worked within a Git/CI/CD-driven development pipeline.
- Mentored and supported onboarding of junior developers, reviewing code and providing guidance on React.js and TypeScript best practices.

Digital Content E-commerce Platform

E-commerce platform for purchasing digital games and content. The system featured product browsing, basket and wishlist management, and multiple payment options, requiring a modular UI design to enhance the overall user shopping experience.

- Developed customer onboarding and dynamic homepage experiences using **React.js** and **TypeScript**, improving overall user experience and **contributing to a 15% increase in user engagement**.
- Designed reusable UI components with **Material UI** and **Tailwind CSS** across multiple pages, improving maintainability and visual consistency.
- Integrated **REST APIs** for product browsing and e-commerce workflows, ensuring reliable data integration.
- Actively participated in **Agile Scrum ceremonies** (sprint planning, stand-ups, retrospectives), driving discussions with cross-functional teams and stakeholders to resolve technical issues and align on feature releases.

Fashion & Retail E-commerce Storefront

E-commerce application for purchasing clothing, footwear, and accessories. The platform featured product listing/filtering, cart and wishlist management, reorder and save-for-later functionality, and a seamless checkout experience through an intuitive user interface.

- Developed and optimized end-to-end e-commerce workflows including product browsing, shopping cart, wishlist, reorder/save-for-later, and checkout using **React.js** and **Redux Toolkit**, ensuring reliable state management across the shopping journey.
- Integrated GraphQL APIs for product and e-commerce data, supporting product browsing and shopping workflows.
- Refactored legacy JavaScript code into modular **TypeScript architecture and reusable components**, improving

application maintainability and **reducing bundle size by 20%**.

- Built responsive wishlist and catalog navigation features using React.js for consistent desktop, tablet, and mobile experiences.

Personal Projects

Seller Dashboard

- Built and independently deployed a **10–15-screen** seller dashboard on **Vercel** using React.js, TypeScript, Zustand, and React Query for product, inventory, and order management.
- Built a customizable analytics dashboard using **Recharts**, implementing dynamic drag-and-drop widgets, reusable components, and responsive layouts for flexible data visualization.
- Implemented **JWT authentication, protected routes, RBAC, token handling/refresh, and secure logout/session management**.
- Integrated REST APIs using **React Query** for data fetching, caching, mutations, loading/error handling, and query invalidation; used MSW for API mocking.
- Developed unit tests for React components using **Jest and React Testing Library**.

Ride Booking Application

- Built a responsive taxi booking web application using **Vue.js**, focusing on component-based architecture and reusable UI elements.
- Implemented navigation and routing using **Vue Router**, managing application state appropriately for booking and ride-related user interfaces.
- Simulated real-time booking workflows by integrating mock APIs, demonstrating adaptability in Vue.js state management and responsive design principles.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: React.js, React Hooks, Custom Hooks, Vue.js

State Management: Redux Toolkit, Zustand, Context API

APIs & Data: REST APIs, GraphQL, React Query

Styling: Material UI, Tailwind CSS, Responsive Design

Testing: Jest, React Testing Library, MSW

Build & Version Control: Vite, npm, Webpack, Git, GitHub

Performance: Code Splitting, Lazy Loading, Memoization, Performance Optimization

Practices: Accessibility (ARIA), DOM Manipulation, MVC/MV-VM Architecture, Agile Scrum, CI/CD, Code Reviews

Education

B.Tech. in Computer Science

Govt. Engineering College, Thrissur

CGPA: 8.0/10

2018-2022