

BHARANIDHARAN R

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SUMMARY

Frontend Developer with 4 years of experience in building scalable, user-centric applications using React, Vue.js, JavaScript, TypeScript, Redux, Pinia, REST APIs, HTML, CSS, and modern UI frameworks. Strong understanding of SDLC, UI architecture, performance optimization, and requirements translation.

SKILLS

Frontend: React.js, Redux, Vue.js, Vue 3 Composition API, Pinia

Web Technologies: JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS

Backend Collaboration: Writing SQL queries, Debugging & modifying Stored Procedures (SPs)

UI Frameworks: Bootstrap, TailwindCSS

Tools: Git, Bitbucket, Azure DevOps, JIRA, SourceTree, Visual Studio, VS Code

API Integration: REST APIs, Axios, error handling, caching, request/response mapping

WORK EXPERIENCE

Frontend Developer — Mocero Health Solutions (IITM - Research Park)

(Feb 2022 – Present)

- Designed, developed, and optimized responsive web applications using React.js, Redux, Vue.js, Pinia, TypeScript, JavaScript, and modular UI architecture.
- Translated functional and nonfunctional requirements into detailed technical designs and UI flows.
- Debugged application issues by analyzing API behavior, writing SQL queries, modifying stored procedures, and applying small logic fixes in .NET code.
- Implemented structured REST API integrations with error handling, loading states, caching, and response mapping.
- Collaborated with QA and backend teams to ensure seamless delivery and maintain code quality through reviews and testing.

PROJECTS

Hospital Management System (HMS)

Description: Comprehensive web application for managing patient workflows, appointments, billing, and medical records.

Contributions:

- Developed UI modules for patient registration, appointments, billing, and reports.
- Implemented reusable form components and form validations including dynamic tables to streamline workflows
- Integrated REST APIs with proper error handling, loading states, and response mapping.
- Managed global state (user/session, permissions, cached data) using State Management.
- Improved performance by optimizing API calls and component rendering.

User Management System

Description: Role-based user and access management platform.

Contributions:

- Built user and role CRUD screens with permission-based UI rendering.
- Implemented hierarchical role and permission mapping, enabling dynamic control over feature access.
- Integrated a centralized Store to manage permissions, roles, session details, and implemented session timeout with auto-logout for enhanced security and compliance.

CRM Application

Description: Customer relationship management system with sales workflows.

Contributions:

- Developed core CRM modules such as Leads, Contacts, and the Dashboard, ensuring clean UX and responsive layouts. Built lead and contact detail screens with editable forms, validations, and quick action.
- Integrated call-related UI features such as click-to-call, call status updates, and call-logging interface.
- Managed shared state for leads, contacts, and user session data using StateManagement, with optimized API handling.

Inventory Management System

Description: Developed a comprehensive inventory management solution to manage stores, items, stock movements, and procurement workflows across departments

Contributions:

- Created and managed stores, rooms, racks, items, HSN codes, and related hierarchical inventory structures.
- Implemented store-to-item category mapping for organized inventory tracking and reporting.
- Developed modules for stock requests, issue tracking, returns, purchase orders (POs), and goods receipt notes (GRNs).
- Built dynamic tables and form components including search, sorting, filtering, and pagination, to streamline workflows and improve operational efficiency.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science - (6.45 CGPA)

Muthayammal Engineering College (2015 – 2019)

Higher Secondary Certificate - (77.7%) Sri Saradha Matric Higher Secondary School (2014 – 2015)

Secondary School Leaving Certificate - (86.8 %) Sri Saradha Matric Higher Secondary School (2012 – 2013)