BHARANIDHARAN

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SUMMARY

Frontend Developer with 3.10 years of experience in building scalable, user-centric applications using Vue.js, JavaScript, TypeScript, Pinia, HTML, CSS, and modern UI frameworks. Strong understanding of SDLC, UI architecture, performance optimization, and requirements translation.

SKILLS

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

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

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

UI Frameworks: PrimeVue, 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 - Startup)

- Designed, developed, and optimized responsive web applications using 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)

Tech Stack: Vue3, TypeScript,Pinia,PrimeVue, VeeValidate, SCSS
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 using PrimeVue and VeeValidate,
- 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 Pinia.
- Improved performance by optimizing API calls and component rendering.

User Management System

Tech Stack: Vue 3, JavaScript, Pinia, PrimeVue,VeeValidate, SCSS
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 Pinia store to manage permissions, roles, session details, and
- implemented session timeout with auto-logout for enhanced security and compliance.

CRM Application

Tech Stack: Vue 3, TypeScript, Pinia, PrimeVue, VeeValidate **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
- options.
- 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 Pinia, with optimized
- API handling.

Inventory Management System

Tech Stack: Vue 3, TypeScript, Pinia, PrimeVue, VeeValidate **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 using PrimeVue, 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)