

Mathan M

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https://mathan-portfolio-github-io.vercel.app/

Summary

Frontend Developer with **2+ years of professional experience** building **scalable, secure, and high-performance web and mobile applications** using **React.js and React Native**. Strong expertise in **component-based architecture, hooks (useState, useEffect, useRef), REST API integration, form handling, authentication flows, and state management**. Proficient in **JavaScript (ES6+), TypeScript, HTML5, CSS3**, responsive design (Flexbox, Grid), and modern UI libraries. Experienced in **Redux Toolkit, Context API, API error handling, performance optimization**, and delivering **production-ready features** in **Agile/Scrum environments**.

Experience

Skandavel Digital Private Limited – Thoothukudi, India (Remote)

Frontend Developer

Jun 2024 – Present

- Worked on **Skewb Ltd Mobile App (React Native)** and **Skewb Works Website (React.js, Material UI)**.
- Led **UI bug fixing**, feature enhancements, and layout improvements for web and mobile platforms.
- Integrated **REST APIs** for real-time data rendering and dynamic UI updates.
- Improved performance by reducing unnecessary re-renders using **React.memo, useMemo, and useCallback**.
- Ensured **responsive and cross-device compatibility** using Flexbox and modern CSS practices.
- Collaborated with backend developers and designers to deliver stable, production-ready features.

Programmer Trainee

Dec 2023 – Jun 2024

- Contributed to frontend development of the **NEET MCQ mobile application** using **React Native**.
- Fixed critical UI bugs and improved overall **UI/UX consistency** across multiple mobile screens.
- Implemented **form handling, validations, and API integrations** under senior developer guidance.
- Worked with backend APIs for **question fetching, answer submission, and result tracking**.
- Gained hands-on experience in **React Native fundamentals, component lifecycle, state management, and production workflows**.

Skills

Frontend: React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Responsive Design (Flexbox, Grid)

React Ecosystem: Hooks, Redux Toolkit, Context API, React Router

Forms & Validation: Controlled Components, Client-side Validation

API & Networking: REST APIs, Axios, Fetch, Error Handling

Performance: Memoization, Lazy Loading, Code Splitting

Mobile: React Native (Expo, CLI)

UI Libraries: Material UI, Bootstrap, Tailwind CSS

Tools: Git, GitHub, Postman, VS Code, Android Studio, JIRA

Education

B.E. Computer Science and Engineering, Sethu Institute of Technology

CGPA: 8.03 / 10

Languages

English (Professional), Tamil (Native)

Projects

ConnectMe Portal

Tech: React.js

- Developed and maintained a **scalable frontend application** with a strong focus on **responsive UI design**.
- Implemented **dynamic multi-step forms** with client-side validations and conditional rendering.
- Integrated APIs using a **service-based architecture** for better separation of concerns.
- Optimized **component reusability and code structure**, improving development efficiency by **20%**.

Skewb Works

Tech: React.js / React Native

- Enhanced dashboard and mobile UI by integrating **REST APIs** for real-time data rendering.
- Improved application performance by reducing unnecessary re-renders using **React.memo**.
- Optimized layout responsiveness to ensure consistent UI across multiple screen sizes and devices.

NEET MCQ App

Tech: React Native

- Built an **API-driven quiz application** supporting real-time question fetching and answer submission.
- Implemented structured state flow for **MCQ navigation, validation, and result tracking**.
- Designed an **exam-oriented user experience** focused on smooth navigation and reliability.