

# Mathan M

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

## Summary

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Frontend Developer with over 2 years of professional experience building scalable, secure, and high-performance web and mobile applications. Experienced in developing applications using React.js and React Native with a strong focus on component-based architecture, efficient state management, and clean, maintainable code. Skilled in building responsive user interfaces, integrating REST APIs, handling complex forms and validations, implementing authentication flows, and optimizing application performance. Proficient in JavaScript (ES6+), TypeScript, HTML5, and CSS3, with hands-on experience delivering production-ready features in Agile/Scrum environments.

## Experience

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### Skandavel Web Tech – 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

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**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

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

CGPA: 8.03 / 10

## Languages

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English (Professional), Tamil (Native)

## Projects

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### 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.