

MANIKANDAN S

Tiruchirappalli, Tamil Nadu | Ph:9677586160 | Mail ID: manikandan06999@gmail.com | [LinkedIn](#) | [GitHub](#)

OBJECTIVES

To secure a challenging position as a **React Developer / Software Engineer**, where I can leverage my skills in front-end development, database integration, and application design to deliver scalable, high-quality solutions while contributing to team success.

EDUCATION

Saranathan College Of Engineering 2021 - 2025

B-Tech in computer science and business system

CGPA: 7.5

Bishop Heber Higher Sec School 2020 - 2021

Higher Secondary, Percentage: 71

Bishop Heber Higher Sec School 2018 – 2019

SSLC, Percentage: 80

PROJECTS

Movie Ticket Booking System (React, Node.js, MongoDB)

- Designed and implemented a **responsive web interface** in React.js for seat booking and cancellation.
- Integrated MongoDB for storing user data and real-time seat availability.
- Consumed RESTful APIs for smooth booking flow and transaction management.
- Applied Hooks and Context API for efficient state management across components.

Hospital Management System (React, Java, MySQL)

- Developed a hospital management application to manage **500+ patient records and 200+ doctor profiles**.
- Built a **React.js front-end** with reusable components connected to a Java-based backend.
- Designed REST APIs for appointment scheduling and medical record tracking.
- Conducted **unit and integration testing** to ensure high code quality and reduce post-delivery defects.

EXPERIENCE

Software Development Experience (Academic & Internship Projects)

- Designed and developed **responsive React.js applications** with reusable components for optimized performance.
- Implemented **state management** using Hooks, Context API, and Redux.
- Integrated MongoDB with React front-end via **RESTful APIs**, handling schema design and query optimization.
- Conducted **unit and integration testing** with Jest and React Testing Library to ensure application quality.
- Collaborated with cross-functional teams to deliver user-friendly, scalable solutions.

Skills & abilities

- **Frontend:** React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind
- **Backend & Database:** MongoDB, MySQL, PHP
- **Tools & Testing:** Git, Jest, React Testing Library, MS Power BI, MS SQL Server
- **Programming Languages:** Python, JavaScript, Java, PHP