

**Santhosh T**  
**MERN Full Stack Developer**

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**Professional Summary:**

Results-driven **MERN Stack Developer** with hands-on experience in building **dynamic, responsive, and user-focused web applications**. Skilled in developing end-to-end solutions using **MongoDB, Express.js, React.js, and Node.js**. Strong ability to create scalable **APIs, interactive front-end interfaces, and optimized full-stack architectures**. Dedicated to improving **user experience, implementing modern technologies, and delivering high-quality, performance-oriented web solutions**.

**Work Experience:**

**Executive Tutor**

Jan 2022 - Jan 2025

**Focus Edumatics Pvt Ltd | Coimbatore (WFH)**

- Conducted personalized 1-on-1 virtual tutoring sessions for U.S.-based K–12 students in Mathematics, aligning with U.S. curriculum standards.
- Delivered instruction through a non-voice, chat-based platform, effectively resolving student queries and enhancing comprehension in real-time.
- Demonstrated proficiency in digital tools such as pen tablets and virtual whiteboards, facilitating interactive and engaging online sessions.
- Maintained detailed records of tutoring sessions, including attendance and progress notes, to provide comprehensive progress reports and support student development.
- Collaborated with team leaders and mentors to review session KPIs and QA analyses, implementing feedback to continuously improve instructional strategies.

**Education:**

- Bachelor of Computer Application** 2018 - 2021  
EGS Pillay Arts & Science College, Nagapattinam, Nagapattinam Dt, Tamil Nadu
- Higher Secondary, Computer Science** 2016 - 2018  
GBHSS, Koradacheri, Thiruvarur Dt, Tamil nadu

**Interpersonal Skills:**

Effective Communication, Problem Solving, Creative Thinking, Adaptability, Collaboration, Time Management.

**Technical Skills:**

**Programming Language:** JavaScript (ES6+)

- Frontend:**
  - React.js, HTML5, CSS3, Bootstrap, Tailwind CSS
- Backend:**
  - Node.js, Express.js, RESTful API Development
- Database:**
  - MongoDB
- Tools:** Git, GitHub, VS Code, Postman, Figma (Basics), npm
- Other Skills:** API Integration, Authentication (JWT), CRUD Operations, Responsive UI Design

## Internships:

### **Web Development Intern** Kaashiv Info Tech

[Certificate](#)

- Developed responsive and interactive UI components using HTML, CSS, and JavaScript.
- Assisted in designing and modifying website layouts to enhance user experience.
- Contributed to maintaining and updating client websites, ensuring smooth functionality.
- Gained practical exposure to front-end tools, debugging, and modern design approaches.

## Main Projects:

### **Todo Application (MERN Stack)**

[Live | Github](#)

- Developed a full-stack Todo Management application that allows users to create, update, delete, and categorize tasks.
- Implemented a Node.js and Express backend with RESTful APIs to manage task data efficiently.
- Integrated MongoDB for storing user tasks with fields like title, description, priority, status, and due date.
- Built an interactive React frontend with state-based rendering for adding and managing todos.
- Enabled real-time updates using Axios API calls and ensured smooth data flow between frontend and backend.
- Added form validations and user-friendly alerts for better usability.

**Technologies used:** HTML, CSS, JavaScript, React JS, Node.js, Express JS, MongoDB, REST API

### **Techie Blog Application (MERN Stack)**

[Live | Github](#)

- Created a complete blog publishing platform with features to create, edit, delete, and view blog posts.
- Built the backend using Node.js, Express, and MongoDB to handle user authentication, blog storage, and API routing.
- Designed a responsive React frontend to display blog posts, individual article pages, and the admin dashboard.
- Integrated rich text editor for writing blogs and included image upload functionality.
- Ensured smooth communication between frontend and backend using RESTful APIs and Axios.

**Technologies used:** HTML, CSS, JavaScript, React JS, Node.js, Express JS, MongoDB, JWT, REST API

## Mini Projects:

### **Weather Application (React JS + Weather API)**

[Live | Github](#)

- Developed a responsive weather application that provides real-time weather information by city name.
- Integrated a public Weather API to fetch live data such as temperature, humidity, wind speed, latitude, and longitude.
- Used React JS to create a dynamic user interface and handle state-based rendering of fetched data.
- Designed input forms and result display components for smooth user interaction.
- Ensured API data handling with error checking and user-friendly responses for invalid city names.

**Technologies used:** HTML, CSS, JavaScript, React JS, Weather API

### **Currency Converter Application (React JS + Exchange rate API)**

[Live | Github](#)

- Developed a currency converter that supports 10 major currencies, enabling conversion from one currency to another.
- Used **React's useEffect** hook to fetch exchange rates dynamically based on user input.
- Designed a simple and responsive interface to select "from" and "to" currencies and display converted results in real time.

**Technologies used:** HTML, CSS, JavaScript, React JS, Exchange rate API