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   **Certificate**
Kaashiv Info Tech

- 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.
- 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