Santhosh T

Front-end Developer

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Professional Summary:

Leveraging expertise in web development, particularly within the **Front-end development**, with hands-on experience in delivering innovative web solutions. Dedicated to enhancing user experiences through responsive design and real-time features, with a focus on creating transformative applications that integrate modern technologies for impactful digital interactions.

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

• **Frontend:**
  • React.js
  • HTML, CSS, Bootstrap, Tailwind CSS

• **Tools:** Git, Github, VS Code, Postman, Figma (Basics)

• **Familiar with:** Node JS, TypeScript, MySQL, MongoDB, API Integration

Internships:

Web Development Intern   **Certificate**
Kaashiv Info Tech

- Completed a hands-on internship focused on front-end development using HTML, CSS, JavaScript.
- Developed responsive website components and user interfaces aligned with modern design practices.
- Assisted in maintaining and updating client websites.

Main 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   **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

Mini Projects:

Quiz Application   **Live | Github**

- Created an interactive quiz application with a countdown timer of 10 seconds per question.
- Implemented a scoring system where each correct answer adds 1 point; the final score is displayed after all questions are attempted or time runs out.
- Built auto-submit functionality when time expires, and added a restart feature to allow users to retake the quiz.
- Used React state and conditional rendering to manage quiz flow, score tracking, and question navigation.

Technologies used: HTML, CSS, JavaScript, React JS

QR Code Generator Application   **Live | Github**

- Created a QR Code generator that dynamically produces QR codes based on user input data.
- Added user-configurable QR code size through form-based input for dimensions.
- Implemented a download feature to allow users to save the generated QR code image locally.
- Used React for UI and event handling to generate and display the QR code instantly.

Technologies used: HTML, CSS, JavaScript, React JS, QR Code API