

G.S VISHNU KUMAR

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Technical Skills:

1. Frontend Development:

- ✓ **HTML Fundamentals:** Skilled in well-organized HTML 5 code, utilizing elements, attributes, semantic tags, tables, and forms effectively.
- ✓ **CSS Basics:** Experienced in using CSS 3 syntax, selectors, and properties to style web pages. Proficient in Flexbox and Grid systems for creating responsive and complex layouts.
- ✓ **Core JavaScript:** Strong understanding of data types, operators, and functions. Adopt at manipulating the DOM and implementing event handling for interactive web content.

2. React:

- ✓ **JSX:** Skilled in using JSX syntax to create dynamic UI components by blending HTML-like structure with JavaScript logic.
- ✓ **State Management:** Experienced in managing component states using hooks like use State to create interactive and responsive applications.
- ✓ **Props:** Proficient in passing and managing data between components via props to ensure seamless communication and data flow.
- ✓ **Virtual DOM:** Leveraged React's Virtual DOM for efficient rendering and performance optimization by reducing direct interactions with the real DOM.

3. Core Java:

- ✓ **Java Fundamentals:** Well-versed in Java syntax, program structure, data types, variables, operators, and control flow statements.
- ✓ **Class Design:** Experienced in creating well-structured classes, initializing objects, and designing constructors for effective object-oriented programming.

- ✓ **Methods:** Proficient in defining and using methods with appropriate parameter handling, return types, and concepts like method overloading, overriding, and access modifiers.
 - ✓ **Object-Oriented Programming (OOP):** Strong grasp of core OOP principles, including inheritance, polymorphism, abstraction, and encapsulation.
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PROJECTS

- GAMIFICATION OF LEARNING :
 - ✓ Developed a gamified e-learning platform using HTML, CSS, and Python, featuring interactive challenges, quizzes, customizable avatars, real-time feedback, personalized study paths, and an analytics dashboard for tracking progress and providing insights to educators.
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EDUCATION

B. TECH – Information Technology (CGPA: 7.4)

PSNA College of Engineering and Technology, Dindigul

2021 - 2024

SSLC – Diploma in Mechanical Engineering (CGPA: 8.5)

KLN Polytechnic College of Engineering & Technology , Madurai

2018 – 2021

