Sandhiya D

Frontend Developer with expertise in building responsive and user-friendly web applications using React.js, JavaScript, and modern design frameworks. Skilled in optimizing performance and delivering high-quality digital solutions. Adept at working in cross-functional teams and employing innovative strategies to achieve project goals.

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WORK EXPERIENCE

Zakapps Software Private Limited

Process Executive   Aug 2023 - Present

- Managed cross-functional collaborations, reducing processing time by 15% and improving team productivity by 20%.
- Analyzed stock availability trends across 20 major competitors, optimizing inventory management and reducing out-of-stock incidents by 20%.
- Developed and implemented strategic assessments to outline business cases and benefits realization plans, improving organizational KPIs by 25%.

EDUCATION

University of Madras

Master of Computer Application in Computer Application - 71%   Jun 2022 - Oct 2024

PROJECT

My Portfolio 🔗
- Designed visually appealing, responsive web pages using HTML, CSS, and Bootstrap.
- Enhanced user experience through cross-browser compatibility and optimized load times by 40%.

Food App 🔗
- React.js (with functional components and Hooks) and Spoonacular API for fetching recipe and ingredient data
- Implemented a search bar to query and fetch food recipes and ingredient details from the Spoonacular API.
- Built reusable React components for displaying search results dynamically.

Todo App (React JS) 🔗
- Built a dynamic task management application using React.js with reusable components and efficient state management.
- Improved app performance by minimizing re-renders, enhancing task synchronization by 30%.

Form Validation 🔗
- Used regular expressions to identify complex email patterns.
- Implemented JavaScript event listeners and DOM manipulation.
- Displays actionable error messages for incorrect inputs.

Calculator 🔗
- Improved user experience by implementing a responsive design and robust error handling for invalid operations.
- Enabled quick and accurate calculations for users with an intuitive interface.
- Added a conditional check to display an error message for such cases.

Password-Generator 🔗
- Developed a secure password generator with customizable options using JavaScript, HTML, and CSS.
- Streamlined codebase for efficiency, improving password generation speed by 40%.

SKILLS

- **Frontend Technologies:** React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS.
- **Tools & Platforms:** GitHub, Visual Studio Code, Netlify.
- **Other Skills:** API Integration, State Management (Redux), Responsive Design Principles.

CERTIFICATE

JavaScript Developer Certificate 🔗
- Issued by Infosys Springboard