

PAVITHRAN K

Frontend Developer | React.js | HTML5 | CSS | JavaScript | User Experience
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Summary

Front-end Developer with 2+ years of experience designing responsive, user-focused applications using React.js, HTML5, and CSS. Proven ability to optimize workflows and enhance user experiences, achieving measurable improvements in functionality and efficiency. Skilled in collaborating with teams to deliver innovative digital solutions, leveraging technologies like Redux, Node.js, and Tailwind CSS.

Skills

HTML5 • CSS • React.js • JavaScript • Mongo DB • Node.js • MySQL • GIT • Materialui • Redux Toolkit • CI/CD • Frontend Development

Experience

Sritex Hitech Machines	Coimbatore
Frontend Developer	11/2024 - 04/2025
Machine component designing and Inventory management systems	
<ul style="list-style-type: none">Engineered a React.js frontend and Node.js backend for a customized inventory management system; system reduced inventory discrepancies by 40% and improved order fulfillment accuracy by 25%.Automation of inventory updates decreased manual workload by 40%, allowing staff to focus on strategic tasks.Optimized processes, decreasing inventory holding costs by 20% and metallic scrap holding significantly.Minimized excess stock by 20% and reduced wastage by 35% through process optimization, contributing to sustainable operations and cost savings.	
Sri Ranga Work	Coimbatore
Frontend Developer - FREELANCER	03/2024 - 07/2024
Implemented a real-time payment tracking solution to monitor pending and completed transactions with precision.	
<ul style="list-style-type: none">Enhanced payment tracking accuracy, reducing processing errors by 30% and reconciliation time by 25%.Integrated advanced analytics for payment trend analysis, enabling data-driven decisions and improving reporting accuracy by 40%.Customizable invoice templates, cutting invoice generation time by 50%.	
IICCSS	Coimbatore
Frontend Developer	10/2021 - 10/2022
Proficiently planned and coded web pages utilizing HTML, CSS, JavaScript, and React, ensuring optimal functionality and user experience.	
<ul style="list-style-type: none">Ensured WCAG compliance across web applications, increasing accessibility for all users and improving customer satisfaction by 15%.Collaborated with backend developers to optimize API integration, reducing kiosk performance issues by 25%.	
IICCSS	Coimbatore
Software Engineer	03/2018 - 09/2021
Experienced content writer adept at crafting engaging and informative written materials across various platforms	

Projects

Custom Inventory System for Manufacturing Optimization	
https://sritex-inventory.netlify.app/	11/2024 - 04/2025
React.js project featuring Redux store integration and API-based custom inventory management system.	
<ul style="list-style-type: none">Developed a React-based inventory management system, improving stock tracking accuracy by 45%.Designed and implemented intuitive user interfaces with React.js and Tailwind CSS to ensure a seamless and responsive user experience across devices.Integrated RESTful APIs for real-time data retrieval, inventory status updates, and seamless frontend-backend communication.	
Billing System and Industry Website	
https://srirangalaser.com/	03/2024 - 08/2024
React-based application enabling personalized user access to a billing system with automated, user-specific document generation capabilities.	
<ul style="list-style-type: none">Implemented user authentication to grant access based on login credentials tailored to different billing tiers, ensuring secure and personalized billing experiences.Enhanced order management processes, achieving a 25% reduction in processing time and improved accuracy in billing workflows.Automated user-specific document generation, leading to a 35% improvement in operational efficiency.	

Education

Sri Krishna College of Engineering and Technology	Coimbatore
Bachelor's Degree in Computer Science and Engineering	08/2014 - 03/2018

CERTIFICATION

Namaste.dev	
React Course	12/2022 - 02/2023
<u>Credential</u>	
<ul style="list-style-type: none">Comprehensive training on React and its ecosystem, covering advanced concepts such as state management, performance optimization, and hooks.Hands-on experience with related technologies, including Redux, and React Router to build dynamic and scalable web applications.	