

Kavinkumar A

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TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, PHP, JavaScript
- **Library:** ReactJs,
- **DataBase:** SQL, MSSQL
- **Tools & Platforms :** AWS (IAM, S3, EC2, VPC), Git/GitHub

PROFESSIONAL EXPERIENCE

Software Engineer - Fues Technology Solutions, Chennai

Nov 2023 - Present

React Frontend Developer – E-commerce Web Application

ReactJs

- Developed responsive UI components using React.js with core hooks (useEffect, useState) to manage component lifecycle and state effectively.
- Integrated RESTful APIs for dynamic product rendering, cart management, and order processing, ensuring smooth frontend-backend communication.
- Implemented shopping cart functionality with item addition/removal, quantity adjustments, and real-time pricing using React state management.
- Built product search and filtering features to enhance user experience and product discoverability.
- Collaborated with backend team to ensure smooth API communication, optimized rendering, and accurate stock updates.

HR Management ERP System

HTML, CSS, PHP, JavaScript

- Optimized HR workflows by developing a ERP system for onboarding, performance management, and leave tracking, cutting task processing time by 25%.
- Enhanced security with role-based authentication, controlling access for over 750+ users based on roles and permissions.
- Designed centralized MSSQL databases, managing 1,000+ employee records for attendance, leave, and performance tracking.
- Reduced manual data entry by 70%, saving 15+ hours per month with automated leave balance updates.
- Improved decision-making by integrating custom HR reporting, generating actionable insights that increased operational efficiency by 20%, resulting in a 15% reduction in HR-related errors.

Inventory Management System

HTML, CSS, PHP, JavaScript

- Engineered a real-time stock tracking system for a large-scale manufacturing unit, reducing inventory discrepancies by 35%.
- Architected MSSQL databases to manage inventory items, transactions, and vendor data, improving data retrieval efficiency by 40%.
- Created user-friendly admin panels, enabling inventory managers to reduce task completion times by 30%.
- Implemented role-based access control (RBAC) for secure material updates, and ensuring compliance with organizational policies.
- Integrated audit trails and automated email notifications for material approvals and reducing approval delays by 50%.

Inventory Management System Mobile Application

HTML, CSS, JavaScript, Cordova, and AJAX for API calls.

- Leveraged AJAX to seamlessly fetch data from the existing web application, reducing data retrieval times by 40% and improving synchronization between web and mobile platforms.
- Created the mobile application using Cordova, ensuring cross-platform compatibility with both Android and iOS devices, allowing inventory managers to access the system on their preferred devices, improving productivity by 20%.
- Improved operational efficiency by providing mobility to inventory managers, reducing dependency on desktop systems, and increasing responsiveness in stock management processes.

EDUCATION

Arulmurugan College of Engineering

Bachelor of Engineering (Electrical and Electronics Engineering)

Thennilai, Karur

Jun 2017 – Sep 2021