

SAI KUMAR BADAKA

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Profile Summary

Frontend Developer with 1.4 years of experience building responsive, high-performance web applications using React.js and modern JavaScript (ES6+). Skilled at translating UI/UX designs into scalable, production-ready code and collaborating with cross-functional teams. Experienced in working closely with backend teams for full-stack integration and efficient API consumption.

Key Highlights:

- Proficient in **React.js**, creating **modular, reusable, and optimized UI components**.
- Experienced in **responsive design** and **cross-browser compatibility**.
- Skilled in **RESTful API integration**, **Git/GitHub** (GitHub Actions).
- Focused on **performance optimization**, **clean code**, and **accessibility**.
- Passionate about **modern frontend tools** and **continuous learning**.

Technical Skills

Programming Languages: React.js, JavaScript (ES6+), HTML5, CSS3

Frontend Development: React.js, Redux, Material-UI, Bootstrap

Version Control : Git, GitHub,

Testing & Debugging: Postman, Browser Dev Tools, Performance Optimization

Development Tools & Workflow: VS Code

Work Experience

Software Developer

- **Frontend Development:** Developed and maintained **highly responsive, interactive web applications** using **React.js**, ensuring an engaging **user experience (UX)** and optimized performance.
- **Performance Optimization:** Refactored and optimized **frontend code**, improving **load times, application scalability, and overall system efficiency**.
- **UI/UX Collaboration:** Worked closely with **UI/UX designers** to create intuitive, user-friendly interfaces, improving accessibility and usability for end users.
- **Security & Authentication:** Implemented **robust authentication and authorization mechanisms** using **JWT**, ensuring secure access control and data protection.
- **Cross-Functional Collaboration:** Coordinated with **backend teams, QA teams, and product managers**, ensuring **smooth integration** between various application layers.
- **Code Quality & Documentation:** Followed best coding practices, performed **code reviews**, and documented project workflows for knowledge sharing and future maintenance.

Projects

HRBP - Human Resource Basic Payroll System

Role: Frontend Developer || **Technologies Used:** React.js, React Native, Java, Spring Boot, MySQL

- **Project Description:**
Developed and maintained a comprehensive **HRBP system** to streamline **attendance tracking**, **leave management**, **payroll processing**, and **holiday scheduling** across web and mobile platforms.
- **Key Contributions:**
 - Built a **cross-platform mobile app** using **React Native** for employee self-service — featuring **real-time location tracking**, **punch in/out**, and **leave submission**.
 - Designed **interactive dashboards** in the **React.js web portal** for HR personnel to monitor **attendance**, **enrollments**, and **payroll data**.
 - Implemented **performance optimization** using `useMemo()`, `memo()`, and **lazy loading**, improving app responsiveness and load times.
 - Integrated **RESTful APIs** via **Fetch/Axios** to dynamically fetch and update employee data.

ERMS - Employee Role Management System

Role: Frontend Developer || **Technologies Used:** React.js, React Native, Java, Spring Boot, MySQL

- **Project Description:**
Developed a **web-based Employee Role Management (ERM) system** designed for organizations with **multi-level role-based logins**, enabling employees, managers, and administrators to manage and track workflow efficiently and securely within a unified platform.
- **Key Contributions:**
 - Designed and implemented **role-based access control (RBAC)** using React.js to deliver distinct dashboards and permissions for each user role.
 - Created **responsive and intuitive UI components** to ensure consistent accessibility and usability across roles and devices.
 - Developed **data visualization features** using charts and graphs to present real-time reports and performance insights.
 - Managed **global state** using React Context API to maintain secure, synchronized data flow and prevent unauthorized access.
 - Configured **React Router** for **secure, role-specific navigation** and content rendering within protected routes.
 - Integrated **RESTful APIs** via **Axios** for seamless data fetching, updates, and workflow tracking across departments.

School Management (Web & Mobile Application)

Role: Frontend Developer || **Technologies Used:** React.js, React Native, Java, Spring Boot, MySQL

- **Project Description:**
Developed a comprehensive School Management System to streamline academic, administrative, and communication processes across a single platform. The system supports multi-role logins including Organization, Principal, Staff, Transport, Store, Examination, Teachers, and Parents, offering secure, role-specific access for both web and mobile applications.
- **Key Contributions:**
 - Designed and implemented **dynamic dashboards** for principals and administrators to manage student admissions, fee structures, payments, and daily fee summaries.
 - Built **React Native mobile applications** for teachers and parents, enabling attendance tracking, daily punch-in/out, student progress monitoring, and notice board notifications.
 - Integrated **transport management features** such as bus details, live tracking, and bus fee management for students.
 - Created a **store management module** for tracking stock, sales (books, uniforms, diaries, etc.), and purchase records.
 - Implemented role-based access control, giving principals centralized visibility and authority over overall operations.
 - Integrated **RESTful APIs** for real-time data synchronization and secure data exchange between web and mobile platforms

Education

Sree Dattha Group of Institutions

B-Tech – Electrical Engineering

2019 – 2022

Hyderabad

**Christu Jyothi Institute of Technology
and Science**

Diploma - Electrical Engineering

2016 – 2019

Jangaon

ZP High School

Telangana State Board Exam (SSC)

2015 – 2016

Suddala