

# PATHEM HARIKRISHNA

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## Professional Summary:

Frontend Developer with **1+ year of hands-on experience** in building **mobile and web applications** using **React Native and React.js**. Experienced in developing **cross-platform UI components**, integrating **REST APIs**, and optimizing applications for **performance, scalability, and reliability**. Strong understanding of **UI/UX consistency**, offline-first design, and real-time data handling. Proven ability to collaborate with backend teams and deliver production-ready features in Agile environments.

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## Professional Experience:

### Frontend Developer

*Kernn Automations, Hyderabad, India* | Nov 2024 – Present

- Developed and maintained **scalable frontend modules** using React.js and React Native for dashboards, billing, and administrative systems.
- Built **mobile-friendly UI components** with consistent UX across devices, improving usability and reducing UI defects.
- Integrated **RESTful APIs** and real-time communication using **Socket.IO**, enabling instant updates and seamless user interaction.
- Improved application performance by **30%** using lazy loading, code splitting, and skeleton loaders.
- Implemented **OTP-based authentication flows** and secure session handling in coordination with backend teams.
- Designed an **offline-first user experience** with local state management for low-network environments.
- Performed debugging, validation, and error handling to ensure **application reliability and stability**.
- Collaborated with cross-functional teams to deliver features in **Agile/Scrum sprints**.
- Implemented reusable UI components and shared layouts to maintain design consistency and reduce development time.
- Worked closely with backend teams to align API contracts, handle edge cases, and ensure smooth data flow across modules.

### Key Contributions & Modules:

- OTP-Based Login & Secure User Authentication Flow
- Role-based Admin Dashboard
- Offline Data Sync & Network Recovery Handling
- Reusable UI Components for Forms, Tables, and Modals
- Mobile-Friendly Billing & Invoice Screens
- Real-Time Ticket & Chat Support
- Image Upload & Labeling (Front, Back, Left, Right)
- Searchable & Filterable Data Views

## Technical Skills:

Frontend	:	React.js, JavaScript (ES6+), Tailwind CSS, Chakra UI, HTML5, CSS3, Next.js
Backend	:	Java, Spring Boot, Spring Data JPA, Spring Security, Microservices
Database	:	MySQL, H2 (RDBMS, Query Optimization)
Mobile	:	React Native, Flutter, Dart
Testing & Tools	:	Git, GitHub, Postman, VSCode, CI/CD (GitHub Actions)
Other	:	Responsive Design, File Uploads, OTP Authentication, RESTful APIs,

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## Projects:

### Milk Dairy Management System – Nov 2024 to Present

**Stack:** React.js, Tailwind CSS, Socket.IO, REST APIs

A web-based ERP platform for milk dairies to automate billing, dealer management, and daily collections.

**Key Contributions:**

- Developed **mobile-responsive UI screens** for billing, collections, and dealer management.
- Implemented **real-time chat UI** using Socket.IO for instant communication.
- Designed **OTP authentication screens** and API integrations.
- Built a **dynamic image upload interface** with labeling and previews.
- Improved data accessibility using searchable and filterable lists.

### FeedBazaar – Feb 2025 to July 2025

**Stack:** React.js, Vite, Tailwind CSS, REST APIs

A web-based e-commerce application for livestock feed procurement with offline-first support.

**Key Contributions:**

- Built **mobile-optimized e-commerce UI** for feed procurement.
  - Implemented **offline cart functionality**, ensuring usability in low-network areas.
  - Designed **order summary and invoice screens** with tax breakdown.
  - Optimized UI performance for rural and low-bandwidth users.
  - Integrated REST APIs for product listings, cart management, and order placement with proper loading and error states.
  - Implemented local storage–based caching to retain cart and user session data during network disruptions.
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## Education:

### Bachelor of Technology (B.Tech) – Civil Engineering

Malla Reddy Engineering College & Management Sciences | **2023** | **CGPA: 6.7**

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## Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place: Hyderabad

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