

# MUTHUKUMAR R

## SOFTWARE ENGINEER

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### SUMMARY

A passionate Software Engineer with 3 years of experience, dedicated to developing innovative and efficient software solutions. Seeking progressive opportunities to enhance my skills and contribute to impactful projects.

### EDUCATION

#### Bachelor of Engineering

Sep 2013 - Apr 2017

St.Peter's Collage Of Enginnering and Technology, Chennai

- Mechanical Engineering

### TECHNICAL SKILLS

- **Primary Skills** : HTML5, CSS3, Bootstrap, JavaScript, React.js, TypeScript, Redux.js
- **Secondary Skills** : Node.js, Express.js
- **Database Management** : MongoDB
- **Tools & Version Control** : Git, Webpack, NPM
- **Other Skills** : WebSocket Integration, Performance Optimization

### PROFESSIONAL EXPERIENCE

#### Software Engineer, Metric Tree Labs Chennai, India

Aug 2024 - Dec 2024

- Successfully implemented WebSocket functionality for real-time chat communication in the Echo project, improving user engagement by 30%.
- Designed and developed interactive UI components using React.js, enhancing user experience and increasing retention by 20%.
- Collaborated with project managers to define requirements, prioritize tasks, and ensure 100% on-time delivery of the real-time chat feature.

#### Software Engineer, Kartoffel Technologies Chennai, India

Mar 2022 - May 2024

- Led the team to exceed expectations on the Vet Connect project, accelerating delivery timelines by 20% while maintaining high-quality standards.
- Integrated dynamic data visualizations (pie charts, line charts) in the Connect One Customer Portal, improving data insights and user engagement by 30%.
- Resolved critical performance issues in the Connect One - Customer Portal using React Query, resulting in 30% faster load times and preventing redundant re-renders.
- Contributed to cross-functional collaboration, ensuring smooth project execution and maintaining high standards of software quality.

#### Programmer, Freelancer Chennai, India

Sep 2021 - Mar 2022

- Delivered high-performing, responsive user interfaces using React, enhancing client satisfaction by 20%.
- Played a key role in developing scalable web applications, contributing to the successful delivery of multiple client projects within deadlines.

## PROJECTS

### Echo

**Aug 2024 - Dec 2024**

- Echo is a powerful admin panel designed to manage critical operations within a user-centric application. It provides tools for managing products, inventory, and customer data, along with features to handle offers, coupons, banners, and referral programs.
- The platform also supports customer service operations, user account management, and application settings customization, enhancing operational efficiency and user satisfaction.

**Technologies Used:** React.js, TypeScript, Redux.js, Node.js, PostgreSQL.

### Vet Connect

**Sep 2023 - May 2024**

- Vet Connect is a comprehensive platform designed to enhance pet care by connecting pet owners with doctors and clinics.
- The system enables doctors to set their availability through slot-based scheduling, allowing pet owners to book appointments seamlessly both online and offline.

**Technologies Used:** React.js,, Redux.js, Node.js, MongoDB.

### Customer Portal

**Feb 2023 - Aug 2023**

- Developed a feature-rich customer portal providing graphical and tabular representations of inbound, outbound, pending deliveries, pending dispatches, pending PODs, and TAT adherence.
- The portal manages customer and warehouse-specific details separately and enables real-time order tracking at every stage, offering comprehensive insights for each product.

**Technologies Used:** React.js, Redux.js, Node.js, MySQL.

### Intranet Portal

**Feb 2023 - Aug 2023**

- Developed a comprehensive intranet portal for Redington, tailored to enhance organizational communication and employee engagement.
- The portal includes features like employee birthday announcements, People Directory, company news, events, job openings, office locations, policies, manuals, galleries, and a holiday list. Each employee was provided with secure, individual login credentials for personalized access.

**Technologies Used:** React.js, Redux.js, .NET, MySQL.

### Reverse Logistics

**Mar 2022 - Jan 2023**

- Developed a Reverse Logistics platform to streamline communication between customers and logistics providers.
- The platform enables ticket creation based on client master, warehouse location, product details, and division master, while offering robust tracking of logistics activities.
- Enhanced functionality with state, city, pin code, zone, and TAT master integrations for seamless logistics management.

**Technologies Used:** React.js, Redux.js, .NET, MySQL.

## ADDITIONAL INFORMATION

- **Languages:** Tamil, English.