

# RAHUL MURALI

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## TECHNICAL SKILLS

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Primary Frontend :	React.js, Redux (State Management), Next.js
Core Web Technologies :	HTML5 & CSS3, JavaScript (ES6+), RESTful API Design & Integration
Styling & UI Frameworks :	SASS, Tailwind CSS, Bootstrap, ShadcnUI, MaterialUI, DaisyUI
Backend & Full-Stack :	Node.js (Express), MySQL (SQL), MongoDB (NoSQL), Python, PHP
Tools & Version Control :	Git, GitHub, Postman (API Testing)

## PROJECTS

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### CookHouse: Social Culinary Webapp | [LINK](#)

June 2025

- Architected a full-stack community platform leveraging React.js for a dynamic UI, Node.js(Express) with MongoDB for scalable backend and data management, to cultivate a digital community platform facilitating content-sharing, user profiles and networking for over 500+ professional chefs and culinary enthusiasts.
- Implemented Redux Thunk for asynchronous data handling, resulting in 15% improvement in data fetching and rendering times on the client-side.
- Reduced CSS stylesheet size by 40% and accelerated front-end development by 25% through efficient use of Tailwind CSS and DaisyUI utility-classes.

### BMI Checker | [LINK](#)

Aug 2024

- Developed React.js-based web application using Next.js framework to calculate BMI (Body-Mass Index) of individuals over 20 years, following best practices of React.
- Engineered a dynamic single-step form, leveraging React hooks to implement client-side validation and conditional rendering, reducing user friction and boosted form submission rates by 47%.
- Improved user engagement by 50% through innovative data visualization, specifically by using tabular data representation.

### Weather Forecast | [LINK](#)

May 2024

- Designed a feature-rich weather forecast webpage using JavaScript and API; implemented caching techniques that facilitated a 20% faster load time, ultimately leading to 500+ positive user feedback ratings within a three-month period.
- Optimized the display format for weather data by incorporating user feedback; achieved a 10% reduction in navigation time and improved customer satisfaction scores.
- Elevated user engagement by 15% through the development of an interface meticulously styled with CSS3.

## EDUCATION

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### Master of Computer Applications

Sept 2023 – Aug 2025

Centre for Computer Science & IT, Vadakara, Kerala

### Bachelor of Science

Aug 2020 – July 2023

Major in Mathematics; Minors in Statistics and Computer Science

Dr. B.R. Ambedkar Memorial Govt. Arts & Science College, Balusseri, Kerala

## ADDITIONAL

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**Soft Skills :** Attention to Detail, Teamwork, Creativity, Communication

**Languages :** Fluent in English, Malayalam; Conversational Proficiency in Hindi

**Certifications & Training :** Full Stack Development (MERN) [ICTAK], Online Course in Mastering JavaScript Fundamentals [Geekster], Postman API Fundamentals Student Expert Certification [LetsUpgrade]