

# RAHUL MURALI

Kozhikode, Kerala, India | Phone: +91 9037666852 | Email: [rahulm2202@yahoo.com](mailto:rahulm2202@yahoo.com) | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

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### Master of Computer Applications

Centre for Computer Science & IT, Vadakara, Kerala

Aug 2023 – July 2025

### Bachelor of Science

Major in Mathematics; Minors in Statistics and Computer Science  
Dr.B.R. Ambedkar Memorial Govt. Arts & Science College, Balussery, Kerala

July 2020 – June 2023

## PROJECTS

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

June 2025

- Created a full-stack web application, carefully designed to serve as the ultimate digital community platform for over 500+ professional chefs and avid culinary enthusiasts.
- Optimised state management with Redux, leading to a 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 Webapp | [LINK](#)

Aug 2024

- Developed React.js based web application using Next.js framework to calculate BMI (Body-Mass Index) of individuals over 20years, following best practices of react.
- Enhanced user experience by prioritizing intuitive navigation and clear instructional prompts, leading to a 47% increase in user engagement; the interface now supports over 500 unique data inputs monthly across various departments.
- Improved user engagement by 50% through innovative data visualization, specifically by using tabular data representation.

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

May 2024

- Designed a feature-rich weather forecast website 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, leading to increased app usage by 15% over three months.
- Boosted user engagement by 15% through the development of an intuitive interactive UI.

### Beginner DigiLocker Guide-page | [LINK](#)

Feb 2022

- Built a user-centric webpage targeting college students, leading to a 35% surge in DigiLocker account registrations from a base of over 400 students and staff within the college community.
- Streamlined the Android account creation process by implementing clear visual instructions and step-by-step guidance, resulting in a 15% reduction in time required for students and staff to register for a DigiLocker account.

## ADDITIONAL

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### Technical Skills:

**Front-End Development:** HTML5, CSS3 (Frameworks like Bootstrap, Tailwind CSS), JavaScript (Libraries like jQuery; React, Frameworks like Next.js)

**Back-End Development:** Languages (Python, Java, PHP, R)

**Databases:** MySQL (SQL), MongoDB (NoSQL)

**Version Control:** Git, GitHub

**Other:** API, Responsive Web Design (RWD)

**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]