Rena Elza Viju

⦿ Ernakulam,Kottayam | ☎ +91 9656510521 | @ renaelzx@gmail.com

Profiles

in Rena Elza Viju

Summary

Motivated and results-driven final-year Bachelor of Computer Applications (BCA) student with a strong academic foundation and practical experience in full-stack development. Proficient in Java, Python, HTML, React, and MySQL, with additional hands-on exposure to PHP and TypeScript through real-world projects. Successfully developed a dynamic website using PHP and a cross-platform mobile application using React and TypeScript, showcasing adaptability across front-end and back-end technologies.

Strong in problem-solving, analytical thinking, and team collaboration, with excellent communication skills, time management, and a sharp attention to detail. Demonstrated ability to work independently and within teams in fast-paced environments. Known for a proactive learning approach and a passion for building efficient, user-centric digital solutions.

Committed to contributing to innovative, impactful projects while continuously enhancing technical and professional capabilities.

Education

SCMS School of Technology And Management
September 2022-April 2025
Computer Application
Undergraduate

Bhavans Newsprint Vidyalaya
June 2020- March 2022
Science with Informatics Practices
Senior Secondary School Education

Bhavans Newsprint Vidyalaya
March 2019-March 2020
Secondary School Education

Projects

Mental Wellness Tracker and Support App
January 2025
Mobile App

Developed a full-featured mental well-being platform using React, TypeScript, Tailwind CSS, and shadcn-ui. The application supports mood tracking, journaling, habit building, mindfulness exercises, and insights generation. Implemented role-based access for users, professionals, and admins with dynamic routing and responsive layouts. Integrated offline support via service workers and optimized performance using Vite. Focused on clean UI/UX, modular component architecture, and scalable design.

Online Recipe Sharing and Management System
Web Application

Developed a web-based platform that allows users to upload, search, and manage recipes based on ingredients, cuisine types, and dietary preferences. The system includes user registration, personalized meal plan generation, recipe filtering, rating, and commenting features. Built using PHP, MySQL, HTML, CSS, JavaScript the project emphasizes community interaction, content sharing, and healthy eating. Implemented admin controls for content moderation and database-backed recipe storage to ensure scalability and ease of access.

Certifications

Data Analysis with Python
May 2025
CognitiveClass

AWS APAC - Solutions Architecture Job Simulation
May 2025
Forage

Cloud Computing and Distributed System
January -April 2025
NPTEL And IIT Kanpur

Full Stack Web Development
August 2024
SCMS School Of Technology And Management

Volunteering

Sinova Intercollege Hackathon
September 2024
Event Volunteer
SCMS School of Technology and Management

Swara Women's Club Event
September 2022
Event Coordinator
SCMS School of Technology And Management

Skills

Web Development	**Project Management**	**Problem Solving**	**Adaptability**
Time Management	**MySQL**	**Python**	

Interests

Music	**Badminton**	**Ritual Folk Dance**	**Travel**

Languages

Malayalam	**English**	**Hindi**
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