

SANDRA P S

I'm a Junior Software Developer with hands-on experience in designing, developing, and deploying full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Proficient in building scalable, efficient, and user-friendly solutions, I'm passionate about solving technical challenges and writing clean, maintainable code. With a strong foundation in modern JavaScript frameworks and continuous learning, I strive to deliver innovative digital products that enhance user experience and meet organizational objectives. My goal is to contribute effectively across all stages of the software development lifecycle while continually expanding my technical expertise.

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Skills

React.js Node.js JavaScript HTML CSS Bootstrap MongoDB MySQL Python
Angular Typescript Tailwind Material ui Hostinger Mysql PHP

Education

• Federal Institute of Science and Technology

MCA

2023

APJ Abdul Kalam Technological University

• St. Mary's College Thrissur

BCA

2021

University of Calicut

• GVHSS Cherpu Thrissur

HIGHER SECONDARY

2018

Experience

• Jyothi Engineering College Cheruthuruthi

Jr Software Developer

Thrissur, Kerala

Sep 2025 - Present

Contributing to the design and optimization of web applications using modern frameworks and best coding practices to deliver efficient, scalable, and high-quality solutions.

• Jyothi Engineering College Cheruthuruthi

Jr Software Developer Intern

Thrissur, Kerala

Mar 2025 - Aug 2025

Involved in developing and testing web applications, worked on both frontend and backend tasks, and gained practical experience with modern web technologies.

• Luminar Techno lab, Kochi

MEARN Stack Developer Intern

Kochi, Kerala

Oct 2023 - Jun 2024

Completed a MERN Stack internship at Luminar Techno Lab, gaining hands-on experience with MongoDB, Express.js, React, Angular, and Node.js. Worked on individual and group projects, building full-stack web applications.

Projects

• **Packers And Movers website** : This is a website of Packers and Movers an organization who helps people pack and move their belongings from one place to another. Technologies Used: HTML, CSS and JavaScript.

• **Recipe Finder** : Recipe Finder is a web application built using the MERN stack (MongoDB, Express, React, Node.js) that enables users to search for recipes, view details, and even save their favorite recipes. The project is divided into two main parts: the front-end (React) and the back-end (Node.js/Express) with MongoDB as the database.

• **SH Bookstall** : A full-stack MERN application designed to automate bookstall operations. Includes modules for stock management, barcode-based billing, minimum quantity tracking, and detailed reporting. Implemented role-based login (Admin, Accountant, Cashier) with real-time updates and Excel/PDF export features.

• **Student Management System** : Developed an advanced web-based platform to manage student information efficiently. The system supports student registration, record updates, search functionality, and admin control. Integrated a secure MySQL database with role-based access and data validation to ensure accuracy and security. PHP, MySQL, HTML, CSS, JavaScript.

• **CWRE** : Developed a responsive web portal using React and Bootstrap with structured navigation, resources management, and user-friendly interface for the Centre for Water Resources Engineering.

• **PROCCMS** : Built a full-stack MERN application for managing room bookings, repair requests, gate/vehicle passes with role-based login (Admin, Staff, User), enabling task assignment, approval, and status tracking.

• **Expense Tracker** : Developed a full-stack expense management system using the MEAN (MongoDB, Express, Angular, Node.js) stack. The application enables users to record, categorize, and monitor project-related expenses with secure authentication, real-time analytics, and CRUD functionalities. Implemented responsive UI using Angular Material and RESTful APIs with Express.js, connected to a MongoDB database for persistent storage.

Language

English Malayalam Tamil Hindi