Kishore K

PORTFOLIO LINK : https://kishore-portfolio-36rk.onrender.com/

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CAREER OBJECTIVE

A recent Computer Science graduate with hands-on experience in troubleshooting, supporting, and developing web-based applications using the MERN stack (MongoDB, Express.js, React.js, and Node.js). I am eager to leverage my technical skills in problem-solving, communication, and full-stack development in a production support role. Motivated to deliver quick and effective resolutions, contribute to continuous service improvements, and gain experience in enterprise-level application support while applying my expertise in building responsive, user-friendly applications.

EDUCATION

Bachelor of Engineering in Computer Science And Engineering - Nov 2020 - May 2024
Sri Ramakrishna Institute of Technology
CGPA : 7.7

Higher secondary (HSC) - June 2018 - Mar 2020
The Lakshmi Mills Higher Secondary School
Percentage: 71.33%

Secondary School Leaving Certificate (SSLC) - June 2017 - March 2018
Maharisi Vidyasram Matriculation School
Percentage: 91.4

SKILLS

- HTML
- React Js
- MongoDB
- Problem Solving
- CSS
- Node Js
- MySQL
- Time-Management
- JavaScript
- Express Js
- Troubleshooting Web Applications
- Good Communication

CERTIFICATIONS

- Cloud Computing Course - NPTEL
- Business English Certificate (BEC)-CAMBRIDGE ENGLISH ASSESSMENT
- Full Stack Development Course – Code Purple Academy

PROJECTS

1. ROCK PAPER SCISSORS GAME WEBSITE

- Developed an interactive game using React JS and CSS where users play against the computer.
- Users can see their score in the UI and play competitively.
- Implemented game logic to determine the winner based on user input, providing a smooth and engaging user experience through an intuitive interface.

2. SCHOOL MANAGEMENT SYSTEM

- Developed a comprehensive School Management System using MERN stack with Tailwind CSS, featuring admin-exclusive login for secure access.
- Implemented dynamic forms for adding teachers, students, and classes, with detailed pages for displaying class, student, and teacher information.
- Integrated analytics for tracking teacher count, student demographics, fees, and salary management

3. BUDGET TRACKER WEB APPLICATION

- Developed a budget tracker web application using MERN stack, allowing users to add and delete income and expenses.
- Transactions are dynamically retrieved from the database, with the option to delete specific entries.
- The app displays income, expenses, and the calculated balance without user authentication.

4. TASK MANAGING SYSTEM

- Built a MERN stack Task Management System with user authentication for secure access, allowing users to add, edit, and delete tasks.
- Integrated real-time task display upon addition and in-app notifications for tasks due in 3 hours, with reminders every 30 minutes.
- Implemented a "Due Now" notification system for tasks requiring immediate attention.

5. BLOG WEBSITE

- Developed a blog website using MERN stack with user authentication, featuring dynamic login and registration forms.
- Authenticated users can upload posts that can be visible to all users and view both their own and other users' posts.
- A user-friendly interface for seamless content sharing and interaction.

6.FUZZY BASED PREDICTION SYSTEM FOR SOLAR THERMAL DESALINATION - FYP

- Developed a Fuzzy-Based Prediction System for optimizing solar thermal desalination processes, improving freshwater production efficiency.
- Utilized MATLAB and Fuzzy Logic Toolbox to design and implement a Fuzzy Inference System, handling variable environmental conditions like solar intensity and water quality.
- Created membership functions and fuzzy rules to accurately model non-linear relationships, achieving a 10% improvement in prediction accuracy over traditional methods.
- Conducted extensive data analysis to fine-tune model parameters, enhancing system adaptability for real-world desalination applications.