Sivaselvan S

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Erode, India

ABOUT

Enthusiastic Information Technology student passionate about web development, software design, and data-driven problem solving. Strong foundation in Java, databases, and full-stack development with a focus on building efficient and user-friendly applications. Keen on contributing to innovative projects that create real-world impact.

EDUCATION

Sri Shakthi Institute of Engineering and Technology   Coimbatore, India
B.Tech in Information Technology — CGPA: 8.52

                                                                                                           2023 – 2027

GHSS, Kadathur
12th Grade – 83.67%
10th Grade – All Pass

PROJECTS

Blood Bank Management System / *HTML, CSS, JavaScript, PHP, SQL*   2024
- Developed a web platform to record donor details and track collected blood units efficiently.
- Implemented blood-type monitoring and storage tracking features for hospitals.
- Automated donor registration and request processes to reduce manual work
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Harbour Management System / *MERN Stack*   2025
- Manages real-time tracking of vessels and cargo to ensure smooth harbour operations.
- Resource allocation and safety monitoring to improve operational efficiency.
- Enhances coordination, reduces delays, and supports informed decision-making in port management.

Carbon Footprint Calculator / *Java*   2025
- Console application that calculates carbon emissions from electricity usage, travel, and fuel consumption.
- The system creates awareness and helps users understand their environmental impact.

COURSEWORK

Data Structures and Algorithms

Operating Systems

Database Management Systems

Object-Oriented Programming

Web Development

TECHNICAL SKILLS

Languages: Java, C, HTML, CSS, JavaScript, SQL, NoSQL
Developer Tools: VS Code, XAMPP, Figma
Technologies/Frameworks: Git, MongoDB

EXTRACURRICULAR

Chess Player   2017 – Present
Participated in inter-school and local chess tournaments; enhanced strategic thinking and focus.