HEMALATHA JAYARAJAN

FULL-STACK DEVELOPER

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Highly motivated Full Stack Developer with hands-on experience in MERN stack, Java, and database systems. Strong problem-solving skills demonstrated through solving 800+ Coding problems across LeetCode and GeeksforGeeks. Experienced in building responsive and scalable web applications. Published researcher and patent holder seeking an entry-level Software or Full Stack Developer role.

Experience

Freelance - Web Developer | Architecture Company Website – Madurai   December 2025
Designed and developed a responsive website for an architecture firm to showcase its projects, services, and brand identity.

Education

B.Tech in Information Technology | Sri Shakthi Institute of Engineering and Technology | Coimbatore
- GPA: 9.32 | 2022-2026

HSC | SRV Girls Higher Secondary School | Namakkal
- Percentage : 87%

SSLC | Sri Ramakrishna Matric Hr Sec School | Thiruvannamalai
- Percentage : 97%

Projects

An AI-Based Real-Time Complaint Monitoring and Resolution System for Smart Campuses
- Developing a centralized platform for smart campuses to raise and resolve complaints using AI-based insights.

Reconnectify - Alumni Association Platform
- Developed frontend features using React
- Research published in an international journal.
- Patent: Docket Number: 139029

Comfort Crave - A Home Food Delivery Website
- Developed a responsive React-based frontend for ordering home-cooked meals.
- Built reusable components and focused on a clean user interface.

Restaurant Management System Website
- Developed the frontend part of the restaurant management system, allowing users to view the menu available in the restaurant. This website was built using HTML, CSS, and JavaScript.
Published in International Journal of Research and Analytical Reviews

Console Based Habit Tracking Application
- Developed a Java-based Habit Tracking Console Application to log daily habits and track progress using Collections.

Skills

Programming Languages: Java, JavaScript
Frontend: HTML5, CSS3, Tailwind CSS, React.js
Backend: Node.js, Express.js
Databases: MySQL, MongoDB
Tools & Concepts: Git, GitHub, OOP, DBMS

Achievements

- Certificate of Merit for Securing First Grade in my Academics.
- Solved 500+ Coding Problems in Geeks for Geeks
- Solved 300+ LeetCode Problems.

Publications

Researcher| International Journal of Research and Analytical Reviews
Published research related to alumni association platform.