

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.