DHAVAMANI S

SOFTWARE DEVELOPER

sdhavamani22@gmail.com | +91 9787298534 | Aruppukkottai, Tamilnadu | dhavamani-s | Dhavamani6804

Profile

Dedicated and outcome-oriented Software Developer with hands-on experience in developing full-stack web applications utilizing the MERN stack. Experienced in Java for issue resolution, and algorithmic problems. Extensive knowledge of database schema design, software engineering practices, and familiar with software development lifecycle. Passionate about applying technical skills to build scalable, innovative software solutions.

Professional Experience

Java Developer Intern
Emglitz Technologies

01 July 2025 – 30 July 2025 | Coimbatore

Gained hands-on experience in Core Java and OOP by developing a console-based Train Ticket Reservation System. The project followed Low-Level Design (LLD) principles, focusing on modularity, encapsulation, and abstraction. Gained hands-on experience with Java collections, design patterns, and best practices in application development.

Education

Government College of Technology
Bachelor of Engineering (CGPA - 7.78/10)
11/2022 – present | Coimbatore, India

Skills

Programming languages: C, Java, Python, JavaScript

Tech stack: HTML, CSS, TailwindCSS, React JS, Node JS, Express JS, JWT, Socket.io

Database: MySQL, MongoDB

Tools: Git, GitHub, Power BI, Canva

Achievements

Type writing
Aruppukkottai, India

First class in junior grade typewriting by Government of Tamilnadu (English)

NSS camp
Coimbatore, India

Completed a 7-day NSS camp, leading around 60 volunteers in community service initiatives.

Projects

Railway Ticket Reservation System 🔗
A Java-based console application that simulates railway ticket booking with intelligent berth allocation.
- Supports booking, cancellation, RAC (Reservation Against Cancellation), and Waiting List logic.
- Dynamically handles passenger movements from WL → RAC → Confirmed on cancellations.
- Implements core data structures like Queues and Maps to manage seat allocation and track passenger details.
- Technologies Used: Java, OOP, Data Structures (Queue, Map, List)

ConnectAll 🔗
A secure, real-time chat application enabling seamless communication.
- Users can connect with anyone, facilitating networking with HRs and companies.
- Built with Socket.io for instant message delivery and scalable backend with MongoDB and Express.js.
- JWT authentication ensures secure communication.
- Technologies Used: MongoDB, Express.js, ReactJS, Node.js, Socket.io, JWT

Portfolio Website 🔗
Designed and developed a fully responsive personal portfolio website using ReactJS and TailwindCSS.
- Implemented a modern and minimalistic UI with optimized performance and interactive sections.
- SEO-friendly and deployed using Netlify.
- Technologies Used: ReactJS, TailwindCSS

Certificates

HTML5 and CSS3, JavaScript, Full-Stack - Infosys SpringBoard | ReactJS - Great Learning Academy |

MongoDB - MongoDB |

Python Essentials, Java OOP - LinkedIn Learning

Roles and Responsibilities

NSS
Chief Advisor of National Service Scheme (NSS), GCT

Silambam
Coordinator of Silambam Team, TMFA GCT