

Jayashri Saravanan

📍 Kumbakonam | ✉ saravananjayu1408@gmail.com | ☎ +91-9791227114

🌐 [linkedin.com/in/jayashri-saravanan](https://www.linkedin.com/in/jayashri-saravanan) / github.com/jay-gow

🌐 Portfolio: jay-gow.github.io/Portfolio

PROFILE

Aspiring **Java Developer** with a strong foundation in Java full-stack development. Passionate about building scalable and efficient applications using Java, Spring Boot, and front-end technologies. Hands-on experience with IoT projects and problem-solving in Java. Currently enhancing skills in backend development, databases, and web technologies. Eager to contribute to innovative software solutions in a dynamic IT environment.

TECHNICAL SKILLS

- **Programming Languages:** Java (Number programs, OOPs: Constructor, Inheritance, Type Casting, Encapsulation, Abstraction, Interface, Polymorphism, Boxing, Data Structures (Arraylist, Single Linkedlist, Double Linkedlist, Stack, Queue, BinayTree), Thread, Multithreading, Stream API, Lambda Expression)
- **Web Development:** HTML5, CSS3, Bootstrap, JavaScript
- **Database:** Oracle SQL (DBMS, data types, Special Operators, Functions, Sub Query, Joins), Postgres
- **Software & Tools:** VS Code, Eclipse
- **Frameworks & Technologies:** JDBC, Servlets, Hibernate, Spring Core, Spring Boot, Spring MVC, Spring Security, REST API.
- **Core Proficiencies:** Object-Oriented Programming, Strings, Arrays,

EDUCATION CREDENTIALS

Arasu Engineering College, Kumbakonam

B.E (Electrical and Electronics Engineering) / CGPA: **9.08**

June 2020 – July 2024

Sri Saraswati Padasala Girls Hr. Sec School, Kumbakonam

12th – HSC / Percentage: **65.5%**

June 2019 – April 2020

10th – SSLC / Percentage: **81.5%**

June 2017 – April 2018

PROJECTS

E-Commerce Website

Feb 2024

Designed and implemented an end-to-end e-commerce platform using Spring Boot and React. Features include user authentication, product catalog management, and secure payment processing.

Employee Management System Web Application

Dec 2024

Developed a comprehensive web-based application for managing employee data using JDBC and Servlets, ensuring efficient data handling and robust management.

IoT-Based Smart Toilet System

June 2024

Engineered a self-cleaning toilet system designed to reduce maintenance needs and enhance user convenience.

Web-based Calculator

May 2024

Developed a user-friendly and responsive calculator using **HTML**, **CSS**, and **JavaScript**, capable of basic arithmetic operations. Improved understanding of web development and DOM manipulation.

PUBLICATIONS

Smart Toilet Based on IoT

R. Malarvannan, S. Jayashri, E. Abinisha

Journal of Interdisciplinary Cycle Research, Volume XVI, Issue V, May 2024

ISSN NO: 0022-1945 ([view](#))

INTERNSHIPS

Certification Internship at Power Integrated Solution, Trichy

Certification Internship at Thiru Aroran Sugar Factory, Swamimalai.