

# Jayashri Saravanan

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🌐 Portfolio: JayashriSaravanan.neocities.org

## 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, Data Structures
- **Web Development:** HTML5, CSS3, JavaScript
- **Database:** Oracle SQL ,Postgres
- **Software & Tools:** Microsoft Office, VS Code, Eclipse, AutoCAD
- **Frameworks & Technologies:** JDBC, Servlets, Hibernate, Spring Core , Spring Boot, Spring MVC, Spring Security, REST API, React
- **Core Proficiencies:** Object-Oriented Programming, Strings, Arrays, Algorithms

## 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

### 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.

### 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.

### 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

*Dec 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

## INTERNSHIPS

Certification Internship at Power Integrated Solution, Trichy

Certification Internship at Thiru Aroran Sugar Factory, Swamimalai