

# Sam Weslie Prabhakaran P

Full Stack Developer

☎ +91 7639442079 — ✉ [itssamwesliehere@gmail.com](mailto:itssamwesliehere@gmail.com) —  [LinkedIn](#)

## Profile Summary

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Entry-Level Full Stack Developer with a strong foundation in object-oriented programming, data structures and algorithms. Proficient in core Java, Spring, Spring Boot, JSP and Servlets. Familiar with Maven, Git and GitHub, Hibernate, MySQL. Passionate about writing clean, efficient code and eager to learn new technologies to build robust software solutions.

## Technical Skills

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**Front End:** HTML, CSS, JavaScript, JSP.

**Programming Languages:** Java.

**Database:** MySQL.

**Frameworks & Technology:** Spring, Spring Boot, Servlet.

**Other:** Data Structures & Algorithms, Maven, VS Code, IntelliJ IDEA, Postman.

## Education

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<b>MCA</b>	<b>2023 - 2025</b>
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Bishop Heber College, Trichy.

Percentage: 73%

<b>B.Sc. Computer Science</b>	<b>2020 - 2023</b>
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E. G. S Pillay Arts and Science College, Nagapattinam.

Percentage: 75%

<b>Higher Secondary</b>	<b>2018 - 2020</b>
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Nivedha Matric Higher Secondary School, Poraiyar.

Percentage: 74%

## Certifications & Training

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- Certified in **Computer Hardware** from Hope Foundation Skill Training Center - **Jan 2024**.
- Certified in **Advanced C Programming** from T4TEQ Software Solutions - **Mar 2024**.
- Obtained certification in **Java (Basic)** from HackerRank - **Apr 2024**.
- Completed **In-Plant Training** at **OFT Tiruchirappalli** from June 3, 2024 to June 15, 2024 where I worked in the IT sector, focusing on **computer hardware and software maintenance**.
- Certified in **Programming in Core Java** from T4TEQ Software Solutions - **Jan 2025**.
- Certified in **Programming in Java** from NPTEL and scored **75%** - **May 2025**.

## Projects

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**EMS – Employee Management System**

**July 2025 – Current.**

Developed a web application “Employee Management System” with three primary modules: **Admin**, **Manager**, and **Employee**.

- **Admin and Manager Modules:** Enabled management of employee records including personal information, salary details, attendance tracking, and leave management.

- **Employee Module:** Allowed employees to view and update personal details, check salary and attendance records, and apply for leave.

**Tech Stack:** Spring Boot, Core Java, MySQL, Html, TailwindCSS, JavaScript, PostMan, Maven, RestAPI's.

### Students Result Management System - [GitHub](#)

**April 2025 – May 2025**

Developed a Student Result Management System using Java, JSP, Servlets, and MySQL, deployed on Tomcat Server. The system features two modules: Admin, enabling CRUD operations on student results, and Student, allowing users to view and access their results. Built with HTML, CSS, and JavaScript for an interactive frontend, ensuring efficient record management and secure data handling.

**Tech Stack:** Java, JSP, Servlets, MySQL, Tomcat Server, HTML, CSS, JavaScript.

### Online Bus Pass Management Portal - [GitHub](#)

**Jan 2025 - Feb 2025**

Developed an Online Bus Pass Portal using Flask, MySQL, TailwindCSS, and JavaScript deployed on a Tomcat Server. This project developed with help of Prompt Engineering Techniques.

- **Admin Module:** Handles bus pass applications such as approval, rejection, deletion, addition of routes, and generating reports.
- **User Module:** Enables users to submit bus passes, view status, pay, generate electronic pass, and download.

**Tech Stack:** Python, Flask, MySQL, TailwindCSS, JavaScript, Prompt Engineering (ChatGPT, Claude, DeepSeek).

### Airline Ticket Reservation System - [GitHub](#)

**May 2024 - Jun 2024**

Developed a Java-based Airline Ticket Reservation system with database connectivity, deployed on a Tomcat server with a MySQL database. Designed a fully web-based architecture with JSP, HTML, and CSS for the frontend and Servlets with MySQL for backend operations, using Eclipse EE IDE.

- **Admin Module:** Implemented complete flight management functionality, including CRUD (Create, Read, Update, Delete) operations for flights and their details.
- **User Module:** Enabled users to search for flights based on preferences and securely book tickets.
- Ensured efficient data handling and optimized server-side processing for seamless user experience.

## Volunteering and Leadership

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### Chairman | BootFete – 2k25 | Postgraduate

Led a team of 150+ members and successfully organized a state level technical symposium.

### Campus President | Youth United Council of India (YUCI) | Undergraduate

I worked on campus initiatives, organized events, and encouraged youth engagement and development activities.

## Hands-on experience

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- Achieved a Gold Badge in Java on HackerRank by effectively tackling various coding challenges.
- Attained a score of 74% in the Java Skill Test on CodeChef, reflecting a solid understanding of Java programming.
- Solved 180+ problems on GeeksforGeeks, showing good problem-solving skills and understanding of algorithms and data structures, and still improving.