

TAMILMANI A

Junior Java Developer | Software Engineer | Java Full-Stack Developer

9080502934 | tamilmaniveera1106@gmail.com | [GitHub](#) | [Linkedin](#)

OBJECTIVE

Aspiring **Java Full Stack Developer** with strong expertise in **Java** and modern **web technologies**, committed to building innovative, responsive, and scalable web applications through efficient front-end and back-end development while applying creativity and problem-solving skills.

EDUCATION

Bachelor of Engineering (BE) - Electronics and Communication Engineering (HONORS) | Saveetha Engineering college | 2021 – 2025 | CGPA: 7.50.

HSC – Shree A G Jain Higher Secondary School | Chennai | 2019 – 2021 | Percentage: 79%

SSLC - Shree A G Jain Higher Secondary School | Chennai | 2018 – 2019 | Percentage: 77%

SKILL SUMMARY

TECHNICAL SKILLS:

- Programming Languages: JAVA 8 (Arrays, String, OOPS, DSA, Collections), SQL (Joins, Subqueries, Grouping, DDL, DML, TCL).
 - Web / Frontend Technologies: HTML5, CSS3, JavaScript.
 - Backend Technologies: Servlets.
 - Frameworks: Spring Boot, Hibernate(ORM), Servlet/JSP.
 - Database: JDBC, MySQL Workbench 8.0 CE.
 - Tools & Platforms: Microsoft Office, VS Code, Eclipse IDE, Git, GitHub.
-

INTERNSHIP

MAPE IT SOLUTIONS | JUNIOR EMBEDDED ENGINEER

January 23- February 23

- Completed hands-on training in embedded systems with focus on microcontrollers and hardware interfacing.
 - Gained foundational knowledge in embedded C programming, debugging, and real-time applications.
 - Acquired practical exposure to system design and integration through guided learning sessions.
-

PROJECTS

An Unified Approach for Detection of Children's Physiological and Security using IoT.

- Designed and developed an IoT-enabled child safety monitoring system using GPS tracking, physiological sensors (heart rate, temperature), ESP32/Arduino, and Bluetooth/Wi-Fi/MQTT for real-time data acquisition, wireless communication, and automated alert generation.
- Implemented firmware development in Embedded C, integrating sensors with microcontroller modules, and performed hardware debugging, system testing, and performance optimization to ensure reliable IoT automation, data accuracy, and enhanced child security.

Console-Based Food Ordering Application in Java

- Developed a **Java-based console Food Ordering Application** using control statements and modular logic to implement features like dynamic menu display, order selection, order processing, and automated bill generation.
 - Managed the project using **GitHub version control** to maintain source code, track revisions, and practice software development workflows.
-

CERTIFICATIONS

- Introduction to Internet of Things (NPTEL), 2024
 - Introduction to HTML, CSS, JavaScript (IBM), 2024
 - Cloud computing (NPTEL), 2023
-

SOFT SKILLS

- **Problem-Solving :** Strong problem-solving skills with ability to break down technical issues and implement practical solutions.
- **Adaptability:** Quickly learns new tools, technologies, and workflows in Java, Frontend and backend development.
- **Responsibility:** Takes ownership of tasks and delivers reliable, consistent results across my projects.
- **Time Management:** Handles multiple tasks—coding, testing, and documentation—while meeting project deadlines.