

Tamizhazhagan S

Email: tamizhazhagan.s.ece@gmail.com | Phone: +91 93612 26828 | LinkedIn:
<https://www.linkedin.com/in/tamizhazhagan-s-8a16352a1>

Professional Summary

Highly motivated Electronics and Communication Engineering student with versatile experience in both IT and Core domains. Proficient in Java, C, Python, and SQL for software development and problem-solving. Experienced in embedded systems, automation, hardware design, and cloud-based solutions. Demonstrates strong collaboration skills and practical understanding of engineering principles.

Education

Bachelor of Engineering (B.E.) in Electronics and Communication Engineering
AVS Engineering College, Salem(Present)
Expected Graduation: June 2026

Diploma in Electrical and Electronics Engineering
Thiagarajar Polytechnic College, Salem
Aug 2020 – May 2023

SSLC
Government Higher Secondary School, Singipuram
Mar 2019 – Mar 2020

Technical Skills

Programming Languages: Java, C, Python, JavaScript, CSS, HTML, SQL

Database: SQL

Software Tools: VS Code, IntelliJ IDEA, Eclipse, Git, Linux, Code Orbital

Hardware Tools: Multisim, Arduino, Microcontrollers

Operating Systems: Windows, Linux

Projects

BookMyShow Ticket Booking System

- Developed a Java-based ticket booking application.
- Integrated user authentication, SQL database, and admin-user interface.

FM Spy Bug

- Designed a wireless FM transmitter for discreet surveillance.
- Implemented using wideband frequency modulation.

Automatic Cleaning Bot

- Created a semi-autonomous bot for industrial floor cleaning.
- Controlled via mobile and equipped with sensors for automation.

Internship

Bharat Sanchar Nigam Limited (BSNL), Salem — Feb 2025

- Worked on circuit design, telecom infrastructure, and embedded systems.
- Gained insights into software and hardware integration within telecom networks.

Certifications

- • Java (Basic) – HackerRank
Verified | Issued: July 2025
Covered: OOP, exception handling, loops, arrays, classes, methods.
- • JavaScript (Basic & Intermediate) – HackerRank
Verified | Issued: July 2025
Covered: functions, objects, arrays, DOM, ES6, event handling.
- • Python (Basic) – HackerRank
Verified | Issued: July 2025
Covered: syntax, functions, control flow, lists, dictionaries, error handling.
- • SQL (Basic to Advanced) – HackerRank
Verified | Issued: July 2025
Covered: SELECT, JOINS, subqueries, aggregates, indexing.
- • Problem Solving (Basic & Intermediate) – HackerRank
Verified | Issued: July 2025
Covered: algorithms, data structures, time complexity, greedy, recursion.

- • CSS (Basic) – HackerRank
Verified | Issued: July 2025
Covered: styling rules, layout, flexbox, selectors, positioning.
- • Java Programming Course – Livewire, Salem
Oct 2024 – Dec 2024
Hands-on training with core Java, OOP concepts, exception handling, and file handling.
- • Cloud Infrastructure & AI – GUVI / IITM
Issued: May 2024
- • Machine Learning Basics – GUVI
Issued: Oct 2023
- Java Certification – Dec 2024
- Machine Learning Basics – Oct 2023
- Cloud Infrastructure AI – May 2024

Soft Skills

- Problem Solving
- Team Collaboration
- Communication
- Analytical Thinking

Languages

- English – Fluent
- Tamil – Native

Declaration

I hereby declare that the above information is true to the best of my knowledge.