

# SANDHIYA J

## Computer Science Undergraduate

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## SKILLS

### PROGRAMMING LANGUAGES:

- C/C++
- JAVA
- MySQL
- HTML
- CSS

**OTHERS:** Data Structures and Algorithms, Object Oriented Programming, Teamwork.

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## EDUCATION

### B.E - Computer Science and Engineering

Government College of Engineering, Salem-11

Sep 2023 - Present

**CGPA - 8.85**

### HSE

Government Girls Higher Secondary School, Jalakandapuram

Jun 2022- Mar 2023

**Percentage - 94%**

### SSLC

Government Girls Higher Secondary School, Jalakandapuram

Jun 2020 - Mar 2021

**Percentage – 35%**

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## PROJECTS

### BUS RESERVATION SYSTEM

Oct 2025

- This project is a java swing-based desktop application for bus ticket reservation, implements seat allocation, booking management and user authentication
- It automates the bus ticket reservation process using a java-based GUI.
- This project integrates MySQL database with Java using JDBC for data persistence.

### WEB APPLICATION FIREWALL

In progress

- Engineered a web security solution to detect harmful requests using a firewall-based approach, with continuous monitoring of request behaviour to identify potential security threats.
  - Built a real-time dashboard to track, analyze, and visualize suspicious activities, improving visibility into attack patterns and enhancing protection against common web attacks.
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## CERTIFICATIONS

- Participant, Internal Hackathon for Smart India Hackathon 2025 Sep 2025
- Web Development and Designing Intern-Oasis Info Byte Jan 2026