Kavinraj T

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Objective

A Passionate Computer Science Engineering student with practical experience in building software solutions. Skilled in Java, C, C++, and Python, with a solid grasp of data structures and algorithms. Interested in contributing to impactful development projects in an entry-level software engineering role.

Education

Dr. Mahalingam College of Engineering and Technology, Pollachi   *May 2026*
BE in Computer Science and Engineering **CGPA**: *8.2**

Experience

Web Developer Intern   *June 2024 – July 2024*
Swas Info Technology, Erode

- Gained basic knowledge of front-end development experience by building responsive web pages with HTML, CSS, and JavaScript.

Projects

Smart Weighment & Automated Billing System for Ration Shops   *Link* ↗

- Engineered an IoT-enabled automation system for ration shops using the ESP-32 microcontroller. Incorporated servo-driven mechanisms for accurate dispensing and an LCD module to display live transaction details, aiming to streamline operations and reducing manual effort in ration distribution.
- **Tech Stack:** ESP-32 Microcontroller, Servo Motor, LCD Display

Hostel Management System   *Link* ↗

- Designed and implemented a browser-based hostel management tool focused on student and room allocation using HTML, CSS, and JavaScript. Utilized localStorage to handle data locally, allowing seamless offline usage through a user-friendly front end design.
- **Tech Stack:** HTML, CSS, JavaScript, DOM API, Local Storage

Hotel Booking Management System (Desktop GUI)   *Link* ↗

- Built a Java-based desktop application using Swing and AWT for streamlined hotel operations, including reservations, customer management, and billing. Leveraged JDBC to connect with a MySQL database via XAMPP, enabling smooth and reliable data processing.
- **Tech Stack:** Java (Swing & AWT), MySQL (via XAMPP), JDBC

Skills

Languages: C, C++, Java, Python, HTML, CSS, JavaScript

Database: MySQL

Frameworks: Vue.js, Swing, AWT

Tools and Technologies: Git, Windows, Linux

Soft Skills: Problem Solving, Critical Thinking, Leadership, Adaptability.

Certificates

Problem Solving Through Programming in C - NPTEL   *Certificate* ↗
Responsible & Safe AI Systems - NPTEL   *Certificate* ↗
Java Basic Certification - HackerRank   *Certificate* ↗