

Sowbagya Sivakumar

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EDUCATION

MSc-Decision and Computing Science

Coimbatore Institute Of Technology
Current CGPA:9.17

07/2023 – present | coimbatore, India

Grade 12

Bharathi Matric HR.SEC School
Grade Percentage: 87%

06/2022 – 03/2023 | palladam, India

PROJECTS

Library Management System

Tools Used: PHP, MySQL, HTML, CSS

- Developed a web-based application using **PHP, MySQL, HTML, and CSS** to manage library operations like **book issuance, returns, and member management**.
- Features separate **admin and student logins**, enabling efficient handling of inventory and user records through a clean, user-friendly interface.
- Improved data organization, accessibility, and library functionality for students and faculty.

Freelancer Management System

Tools Used: Java, HTML, CSS, MySQL

- A web-based platform built with **Java, HTML, CSS, and MySQL** to manage freelancer-client interactions, project assignments, and work tracking.
- Features include **user registration/login, project status updates, and database-driven profile management**, improving collaboration and workflow.
- Enhanced skills in **Java development, web technologies, and relational database design**.

Spam Call Detection and Blocker System

Tools Used: Python, Tkinter

- Built a **Python desktop app** using **AVL Trees, Min Heap, and Graphs** with a **multistage evaluation** to detect and manage spam calls.
- Included features like **reporting, blocking/unblocking, and spam scoring** based on keywords and call patterns.
- Used **Tkinter, NetworkX, and Matplotlib** for an interactive GUI and visual representation of blocked connections.

CERTIFICATES

- SEO Certificate Course – HubSpot Academy 📄
- NPTEL - DBMS 📄
- Computing Research Day'24- Tech Research poster Presentation 📄
- Aignite'25- The Ultimate AI Hackthon 📄
- Predictive Analysis Workshop - Kanam'25 📄

SKILLS

- Languages: C, Python, R, SQL, Java
- Database: MySQL, Oracle
- Developer Tools: VS Code, Jupyter Notebook
- Soft Skills: Flexed, Collaborated, Scheduled efficiently, Coordinated tasks

INTERESTS

Full Stack Development | Database Management System | Data Structures and Algorithms

PROFESSIONAL EXPERIENCE

Designer

Datalytics club- CIT

06/2025 – 05/2026