

# SOWMIYA ARUNACHALAM

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## PROFESSIONAL SUMMARY

Motivated Information Technology undergraduate at MIT, Chennai with strong skills in C, Python, and front-end development (HTML, CSS, JavaScript). Experienced in building projects involving database integration, admin dashboards, and portfolio websites. Interested in Data Structures and Algorithms (DSA) with proven ability to design user-friendly applications. Eager to grow in a software development environment while applying both technical and problem-solving skills.

## EDUCATION

B.Tech, Information Technology (CGPA 9.93/10.0)

Madras Institute of Technology, Anna University | 2024 – Present

Class 12 (490/500, Cutoff: 197.5/200)

AMPS, Chennai | 2023 – 2024

## RELEVANT EXPERIENCE

### Personal Portfolio Website (HTML, CSS, JavaScript) | 2024 – Present

- Created a personal website to showcase school and college experiences with structured navigation.
- Designed and embedded an alumni registration form; integrated JavaScript for validation and interactivity.

### School Management System (Python + Tkinter) | 2023 – 2024

- Built a menu-driven system for student record management using Treeview.
- Implemented date input/output and a user-friendly interface for smooth navigation.

### Admin Dashboard with Database Integration (PHP + MySQL) | 2023 – 2024

- Developed an admin system enabling CRUD operations with real-time database updates.
- Connected forms and buttons to a MySQL backend for efficient record management.

## ACHIEVEMENTS

- School Topper in 10th (91%) and 12th (95%).
- Consistently maintained high academic performance (CGPA 9.93 at MIT).
- Recognized for active learning in personality development and communication skills
- Won 3rd place in an Inter-School Tech Competition by developing two innovative projects: a Smoke Detector and a Chatting App, showcasing problem-solving and practical application of technology.

## EXTRACURRICULARS

- Volunteer – Youth Red Cross (YRC)
- Organiser – Science And Humanities Association, MIT
- Member – Personality Development Association, MIT
- Completed Classical Dance (Grade 6) and Music (Grade 5) certifications

## SKILLS

**Programming:** Python, C, C++, SQL, JavaScript, HTML, CSS

**Design and tools:** Git/GitHub, Oracle SQL, tkinter, AI tools

**Language:** English, Tamil

**Soft Skills:** Leadership, Teamwork, Time Management, Critical Thinking, Effective Communication