

# SWETHA VENKAT

## Computer Science Student | Business Enthusiast

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[Github](#)   [LinkedIn](#)   [Leetcode](#)

### PROFESSIONAL SUMMARY

A Computer Science student passionate about leveraging technology to solve challenges in space exploration and computer science field. Combines technical skills(C, Java, Pyhon, Dart, SQL) with creative problem- solving and a moderate foundation in physics/mathematics. Aims to bridge computing, communication and aerospace innovation through interdisciplinary learning with my own theories

### ACADEMIC PROFILE

Course	Institution	Board/ University	Year of Completion	Percentage/ CGPA
B.Tech	K S Rangasamy College of Technology	Anna University	2028	88.2
HSC	Maharishi Vidya Mandir, Senior secondary, Tiruvannamalai	CBSE	2024	81.6
SSLC	Maharishi Vidya Mandir, Senior secondary, Tiruvannamalai	CBSE	2022	81.2

### TECHNICAL SKILLS

- ✓

Programming languages such as C, java, python, Dart (Basics)
- ✓

Frontend development : HTML, CSS, JavaScript
- ✓

Visual Programming Language : Scratch
- ✓

AI powered Full Stack Development
- ✓

Tools & Software : Visual Studio, IDLE, Power BI, Canva, Android Studio, Cursor
- ✓

Data analysis
- ✓

OS : Windows, Linux

### AREAS OF INTEREST

- ✓

Data Structures and algorithms
- ✓

Astronomy
- ✓

Creative writing
- ✓

Full Stack development
- ✓

Problem solving
- ✓

Project development
- ✓

Research

## RELEVANT PROJECTS

Mini Project - Course Managemnet System

- Backend Language- Java, SQL
- Frontend Language- HTML, CSS, JS
- Framework - Spring boot

Mini Project - Basic PCA Implementation

- Language: Python

## CERTIFICATIONS

Click the [certifications](#) to view my certificates

- Cyber Security Symposium Participation: ZYVERSE Participant.
- Book Talk Appreciation (Students Day Celebration 2025): Literary Talk.
- Achievement in Tech in Sports Challenge: First Prize.
- Docker Hands-on Training: Docker Bootcamp.
- Maharishi National Olympiad Participation: Math Olympiad.
- More are in the document

## EXTRA CIRICULAR

- Current Projects: Engaged in Book Compilation and actively participating in Marathons (current activity).
- Sports Medalist: Secured Runner-up in 4x400m Relay and Kho-Kho (College).
- Kho-Kho Winner: Winner position in Kho-Kho competition (2019-2020).
- Track & Field: Secured Second place in 400m Run and 4x100m Relay (School).
- Community/Skills: Participated in Mini Marathons , Discovery League , and completed a swimming camp.

## PERSONAL INFO

Father's Name : D Venkatesan

Mother's Name : V Jayalakshmi

Sex : Female

Date of Birth : 20.07.2007

Nationality : Indian

Hobbies : Writing - (theories, poems, story, quotes), Talking with the universe, drawing, painting, reading theories during overthinking

Language Known : Tamil(Mother Tongue), English, Hindi( read and write), Sanskrit( Read and write)

Place : Tiruvannamalai

Date : 3<sup>rd</sup> December 2025

Swetha V