

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, Python, 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 Management 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 CIRCULAR

- 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 : 3rd December 2025