**VIGNESH KANDEM**

H.No: 8-1-98/2, Kattarampur **∙** Karimnagar, 505001 **∙** +91 9391202937

**EDUCATION**

**Sreenidhi Institute of Science and Technology (SNSIT)** Ghatkesar, Hyderabad, Telangana, India

Computer Engineering-Internet of Things June 2025

SGPA: 9.61

CGPA: 9.42

**Sri Chaitanya Junior College** KPHB, Hyderabad, Telangana, India

Class XII May 2023

Marks: 910/1000

**Legend High School** Karimnagar, Telangana, India

Class X May 2021

Grade: 10.0

**CERTIFICATION COURSES**

* Completed the Python for Data Science in The National Program on Technology Enhanced Learning (NPTEL) which is a 4-week program curated by IIT Madras (Indian Institute of Technology). (Ongoing)
* Completed the C Programmingin The National Program on Technology Enhanced Learning (NPTEL) which is a10-week program curated by IIT Madras (Indian Institute of Technology). (Ongoing)
* Completed the Data Structures using C Programming in The National Program on Technology Enhanced Learning (NPTEL) which is a12-week program curated by Dr. Dipti Verma and Mr. Aditya Tiwari Chhattisgarh Swami Vivekanand Technical University, Bhilai (C.G.). (Completed)

**LEADERSHIP & SERVICE**

**The Robotics Club, SNIST** Ghatkesar, Hyderabad, Telangana, India

Role: Volunteer November 2024

* Volunteered for a Technical event (Roboveda-24) in the college.

**CSAC Club, SNIST** Ghatkesar, Hyderabad, Telangana, India

Role: Volunteer November 2024

* Volunteered for a cultural event.

**CSE-IOT, SNIST** Ghatkesar, Hyderabad, Telangana, India

Role: Class Representative

* Representative of the department of CSE-IOT from September 2023 to till date.

**SKILLS & INTERESTS**

**Computer Skills :** C, C++, Python, DSA, Java.

**Technologies :** Gitlab, CAD, AutoCAD.

**Languages:** Fluent in English and Telugu.

**Interests:** Full stack development, Artificial Intelligence, Gaming, Business Strategy.

**CERTIFICATIONS**

* UI/UX designing course and hackathon certification.
* IOT workshop course certification.
* C programming certification from codetantra.
* Smart India Hackathon 2024 participation certification.
* AIHACKDAY 2025 hackathon participation certification.

**RESEARCH**

* I had a publication of chapter The Convergence of Artificial Intelligence and Graphical User Interface in the book Supply Chain Transformation through generative ai and machine learning in IGI Global (Published).

https://www.igi-global.com/chapter/the-convergence-of-artificial-intelligence-and-graphical-user-interface/368665

* I had a chapter Fusion of Artificial Intelligence and Internet of Things to be published which is under review process by IGI GLOBAL.
* I had a chapter on the topic of Artificial Intelligence-Powered Security and Autonomous Cyber Defense to be published which is under review process by IGI Global.

**PROJECTS**

· **Smart Clothing** – (Domain: IoT & AI-Robotics)  
Skills: Embedded systems, electrical communication systems, CAD, Embedded C Programming

· **Elevator Shaft Inspection Bot** – (Domain: IoT & AI-Robotics)  
Skills: Embedded systems, electrical communication systems, CAD, Embedded C Programming

· **Casino Lucky Spin Game** – (Domain: Frontend Development)  
Technologies: HTML, CSS, JavaScript, Python

· **Calculator** – (Domain: Frontend Development)  
Technologies: Java

· **Card Flip Game** – (Domain: Frontend Development)  
Technologies: HTML, CSS, JavaScript

· **Gumroad Clone** – (Domain: Full Stack Development)  
Technologies: HTML, React, JavaScript, Node.js, Express.js, Postman, MongoDB, Render

· **Grocery Store Management System** – (Domain: Full Stack Development)  
Technologies: Python, DB Browser, Django Framework, HTML, Bootstrap

· **Expense Tracker** – (Domain: Full Stack Development)  
Technologies: Python