

Siva Sowmya S

Final year IT Undergrad
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GITHUB | LINKEDIN |

EDUCATION

COLLEGE OF ENGINEERING, GUINDY ANNA UNIVERSITY
FULL-TIME B.TECH INFORMATION TECHNOLOGY
CGPA: 7.7

October 2022 - July 2026
Chennai

SETHU BHASKARA MATRIC HR.SEC, SCHOOL, CHENNAI.
FULL-TIME XII
Percentage: 97.6%

June 2021 - May 2022

SRI VENKATESHWARA MATRIC.HR.SEC, SCHOOL, CHENNAI.
FULL-TIME X
Percentage: 94%

June 2019 - May 2020

EXPERIENCE

PIXELS (PHOTOGRAPHY CLUB CEG) | HEAD OF EVENTS
University, Chennai | May 2024 – May 2025

College of Engineering Guindy, Anna

QUANTUM COMPUTING (CEG TECH FORUM) | WORKSHOP ORGANIZER

December 2024 – April 2025

NSS | NSS VOLUNTEER

2023 – 2024

STUDENTS ASSOCIATION AND ARTS SOCIETY - CEG | HR COORDINATOR

SKILLS

PROGRAMMING LANGUAGES	C, C++, Python
LIBRARIES/Frameworks	Express, Node JS, Flask, Android
TOOLS / PLATFORMS	Git, Arduino IDE, Microsoft Office
DATABASES	MongoDB, SQL

PROJECTS / OPEN-SOURCE

UNITY CONNECT | [Link](#)

AI, ML, MERN

AI & ML Powered Dynamic Unified Donation Platform - Web Application(MERN)

ART TUTOR(Generative AI) | [Link](#)

Python, GPT-NEO, VIT-CLIP, BLIP, Transformers

Developed an AI-driven art assistant and Tutor using GPT-Neo, VIT-CLIP, and BLIP .

SOCIAL NETWORK ANALYSIS | [Link](#)

C++, OOPS, Data Structures

Analyzed user connections and relationships using C++ OOPS Concept and graph-based data structures to map social interactions.

ANALYSIS OF CRIMES AGAINST WOMEN USING WOMENCRIMES DATASET | [Link](#)
and ML models

Data Science

Built ML models to predict trial and conviction counts in crime data against women using feature engineering and optimization.

EVENTS MANAGEMENT SYSTEM | [Link](#)

HTML, CSS, JavaScript, PHP, SQL

Created a full-stack web application to schedule, manage, and register events with backend integration using PHP and SQL.

STUDENT SUITE | [LINK](#)

Kotlin, Java, Google Firebase

Developed an all-in-one Android app in Kotlin/Java for college students to manage notes, grades, tasks, and study resources.

SURVIVAL PREDICTION USING TITANIC DATASET | [LINK](#)

Data Science and ML models

Applied machine learning models to predict survival outcomes on the Titanic using feature analysis and model evaluation.

FOCUS SENSE | [LINK](#)

Arduino, IOT

Built a smart Pomodoro study timer using Arduino Nano and IoT sensors to manage focused study sessions with inactivity detection.

EXPENSE TRACKER | [LINK](#)

C, Data Structures

Implemented a console-based expense management tool in C using linked lists.

INTERACTIVE AND INNOVATIVE BLOG FOR ARTS | [LINK](#)

HTML, CSS, JavaScript, PHP, SQL

A Dynamic Art Blog Website - Mini Project
HTML, CSS, JavaScript, PHP, SQL

IT JOB SEARCH ENGINE | [LINK](#)

MongoDB, Streamlit, Information Retrieval

Built a MongoDB + Streamlit powered search engine for retrieving relevant IT job listings using Information Retrieval techniques.

LOGISTICS RESOURCE ALLOCATION SYSTEM | [LINK](#)

C++, OOPS

Built a C++ program applying algorithmic design principles to optimize route selection and task distribution in delivery logistics.

CERTIFICATIONS

- AWS Academy Cloud Foundations - **AWS ACADEMY**
- ITRIX Hackathon - Participation - IST- CEG.
- Digital Marketing Workshop
- Graphic Designing - **APOLLO COMPUTER EDUCATION**

HONORS & AWARDS

- Art Competition - Vigilance Awareness(2nd Prize)
- Typewriting - First Class with Distinction (Senior-English)