

AMARA SRI SAI SUDHA AMRUTHA VARSHINI

Email: amruthaamara1104@gmail.com | **Phone:** +91 7780511443

LinkedIn: <https://www.linkedin.com/in/amara-sri-sai-sudha-amrutha-varshini-027710311/> | **GitHub:** <https://github.com/amaraamrutha11>

Objective

Motivated third-year Computer Science student with a strong interest in software development and problem-solving. Seeking an opportunity to work on innovative projects at IIT Madras through the Summer Fellowship Programme to enhance my technical skills and gain research exposure.

Education

St Ann's College of Engineering And Technology - Chirala, India. Expected in 06/2026.
B.Tech in Computer Science | [Expected in 06/2026] | CGPA: [8.3]

Technical Skills

Programming Languages: Python(Basics), SQL

Web Technologies: HTML, CSS, React, Node.js

Databases: MySQL, MongoDB

Artificial Intelligence: NLP

FrameWorks: Numpy , Pandas

Work Experience

[AI&ML] – [InternzLearn]

[June/2024] – [August/2024] | [Banglore] #Remote InternShip

- Learned about NLP.
- Learned Wumpus world(agent navigating) using AI, explored about datasets using NLP.

[CloudComputing] – [SkillVertex]

[May/2023] – [July/2023] | [Banglore] #Remote InternShip

- Managed AWS services including S3 buckets, EC2 instances, and security groups to deploy and maintain web applications.
- Led the flexible target tracking auto-scaling policy, slashing infrastructure & boosting system reliability by 40%.

Projects

[Burger Billing System] – [Python]

- Developed a billing system to generate itemized invoices for burger shops.
- Automated calculations for totals, taxes, and discounts, improving billing efficiency.
- Implemented an intuitive user interface using **Tkinter / Flask / Django**.

[Sentiment Analysis on Dataset] – [python,NLP]

- Performed sentiment analysis on a dataset using **Natural Language Processing (NLP) techniques**.
 - Preprocessed text data by tokenization, stopword removal, and lemmatization for better accuracy. Implemented machine learning models to classify sentiments as positive, negative, or neutral.
-

Certifications & Courses

- AWS-Forage
 - The Joy Of Computing Using Python-NPTEL
 - Agentic Application and google cloud databases-Code Vipassana,Google
 - International Level Student Workshop on Data Science using Python-Brain O Vision
 - JavaScript-EDX
 - Web Development-EDX
 - Generative AI-Guvi
 - AI Learnathon-Guvi/Sawit
-

Achievements & Extracurricular Activities

- Participated in CSI PPT presentation on Wireless Communications
- Member of [Cruisers Elite event], mentored junior students in competitive programming.