

ARAVETI VAMSI

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Education

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, Tamil nadu, India 2022–2026

B.Tech (Computer Science Engineering (AI–ML)) CGPA: 7.94 (upto 6th semester)

SRI CHAITANYA JUNIOR COLLEGE, Tirupati, Andhra Pradesh, India 2022

Intermediate (MPC (Mathematics, Physics, Chemistry)) Marks - 674/1000

Skills

Technical Skills: Python, Java(basics)

Frontend: HTML, CSS, JavaScript, Bootstrap

Frameworks: FastAPI

Tools Used: VS Code, Git, GitHub, Canva, MS Office

Database: SQL

Soft Skills: Communication, Teamwork, Problem Solving, Time Management

Academic Experience

24-Hour Hackathon – Kalasalingam University 2024

Project: URL Shortener Web Application

Led a team of five in a 24-hour coding challenge to build a functional and secure URL shortener. Achieved **Top 5 position out of 25 teams**.

Project Expo – Anna University 2025

Project: Carpooling System Web App

Acted as sole team leader and developer. Presented a web-based carpooling system that connects commuters with similar routes, promoting sustainability and cost efficiency.

Projects

- **Talkify – Real-Time Speech-to-Text and Text-to-Speech** . (Github)
A web-based application that provides real-time speech-to-text and text-to-speech services using Azure Cognitive Services. Enhance communication and accessibility by converting voice input into text and typed input into natural-sounding speech.
Tech Stack: HTML, CSS, JavaScript, Azure Speech SDK, Azure Cognitive Services (Speech API).
- **E-Commerce Product Listing App** Developed a FastAPI powered back-end for an e-Commerce interface with product listing and add-product features, using Jinja2 templates, HTML, and CSS.
Tech Stack:FastAPI, Python, Jinja2 Templates, HTML, CSS, JSON (for data storage), Uvicorn.
- **GoTogether – Carpooling Web Platform** Smart web-based carpooling system that connects daily commuters, reduces fuel consumption and carbon emissions, and promotes environmentally friendly shared transport through real-time ride booking and emission tracking.

Certifications

- Learn Python - CodeChef.
- Developing AI Applications on Azure - Coursera.
- TCS iON Career Edge - Young Professional -TCS iON