

ARAVETI VAMSI

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About Me

B.Tech Computer Science (AI-ML) final-year student passionate about Python programming and full-stack web development. Completed multiple projects using Flask, and JavaScript, with experience in team-based hackathons and expos. Eager to leverage skills in real-world software challenges.

Education

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, Tamil Nadu 2022–2026
B.Tech (Computer Science Engineering (AI-ML)) CGPA: 7.95

Skills

Technical Skills: Python, SQL

Frontend: HTML, CSS, JavaScript, Bootstrap

Frameworks: Flask

BI Tools: Microsoft Power BI

Database: SQL

Tools Used: Git, GitHub, VS Code

Soft Skills: Communication, Teamwork, Time Management

Academic Experience

Hackathon – Kalasalingam University 2024
Project: URL Shortener Web Application

Led a team of five in a 24-hour hackathon to build a secure URL shortener; Secured a top 5 position out of 25 teams.

Project Expo – Anna University 2025
Project: Carpooling System Web App

Designed and presented a web-based carpooling system that connects commuters for shared rides, reducing carbon footprint and cost.

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. Enhances 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.
- **Web-Based Face Recognition Attendance System** GitHub
Built a web-based attendance system using Flask and OpenCV that allows admins to register students with facial data, and students to log in and view their attendance with calendar and PDF export. It ensures real-time face-based attendance with below-75 alerts and secure credential handling.
Tech Stack: Python, Flask, OpenCV, face recognition, HTML, CSS, JavaScript, CSV.
- **GoTogether – Carpooling Web Platform** GitHub
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.
Tech Stack: HTML, CSS, JavaScript, PHP, SQL.

Certifications

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