Arul Raman

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Education

PSV College of Engineering and Technology, Anna University, B.Tech in Information Technology   Sept 2021 – Mar 2025

CGPA : 7.92/10 (upto 6th sem)

Govt Model Higher Secondary School, HSC   Sept 2020 – Mar 2021

Percentage: 85%

Govt Model Higher Secondary School, SSLC   Sept 2018 – Mar 2019

Percentage: 70%

Skills

Problem solving
English : Fluent (60%)
Tamil : Native (100%)

Summary

As a final-year Information Technology student at P.S.V College of ETechnology, I have honed my skills in Python programming, web development, and problem-solving. My project portfolio reflects my passion for innovation, including a Sign Language Recognition System for Deaf and Dumb People, which won the Best Interactive Award at Mother Theresa Institute of Computer Applications. With a CGPA of 8, I am eager to bring my technical expertise and dedication to continuous learning to a challenging role in the tech industry.

Experience

Web Scraping Developer (Collaboration with Gamker YouTuber)   Freelance | 2024

- Developed and implemented web scraping solutions using Beautiful Soup in Python.
- Managed data storage and retrieval using Deta database.
- Built interactive data visualizations and interfaces using Streamlit.
- Worked closely with Gamker, a YouTuber, to extract and analyze web data for content creation and research.

Projects

Sign Language Recognition System for Deaf and Dumb People

- Developed a system to translate sign language into text using image processing and machine learning.
- Awarded Best Interactive Award at Mother Theresa Institute of Computer Applications with a 2000 Rs prize.
- Tool Used: Python

Real-Time News Portal

- Created a news website using Python for real-time updates from NDTV.
- Automated data retrieval for up-to-date news.
- Tool Used: Python,GitHub Action.

AI Assistant Hub Website

- Created a website to demonstrate AI assistant features and integrated a Gemini API-based chatbot.
- Tool Used: Python, Web Development.

Weather App

- Built a weather application with real-time data integration and a responsive interface.
- Tool Used: HTML, CSS, JavaScript

Technologies

Languages: Python, HTML, CSS, Javascript, SQL.

Software: Docker, Canva, VS code, Oracle SQL, Git.

Personal Details

Date of Birth: March 28, 2003

Gender: Male

Nationality: Indian

Marital Status: Unmarried

Address: Chinnar, 5/228 Door Number, Chennapalli Post, Krishnagiri, Tamil Nadu - 635117