

# Arul R

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## About Me!

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As a final-year Information Technology student at P.S.V College of Engineering and Technology, 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, developed using Python, which won the Best Interactive Award at Mother Theresa Institute of Computer Applications, Palamaner. 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.

## Quick Guide

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- **Professional Summary:** Final year B.Tech IT student with strong skills in Python, web development, and cloud computing
- **Core Skills:** Python, HTML, CSS, JavaScript, SQL Basics, Git and GitHub, Cloud Computing Basics.
- **Achievements:** Best Attractive certificate (Teresa Engineering College), 2nd prize in Project Presentation Symposium.
- **Key Projects:** Real-time news portal, AI-powered virtual assistant.
- **Education:** B.Tech in Information Technology, PSV College of Engineering and Technology, CGPA: 8.

## Education

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PSV College of Engineering and Technology, Anna University, B.Tech in Information Technology	Sept 2021 – Mar 2025
CGPA: 8/10	
Govt Model Higher Secondary School, Higher Secondary Education	Sept 2019 – Mar 2021
Percentage: 85%	

## Experience

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Web Scraping Developer (Collaboration with Gamker YouTuber)	Freelance   2024
<ul style="list-style-type: none"><li>• Developed and implemented web scraping solutions using BeautifulSoup in Python.</li><li>• Managed data storage and retrieval using Deta database.</li><li>• Built interactive data visualizations and interfaces using Streamlit.</li><li>• Worked closely with Gamker, a YouTuber, to extract and analyze web data for content creation and research.</li></ul>	

## Projects

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### 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

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

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

## Communication Language

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**English:** Fluent (80%)

**Tamil:** Native (100%).

## Personal Details

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**Date of Birth:** March 28, 2003

**Gender:** Male

**Cast:** MBC

**Nationality:** Indian

**Marital Status:** Unmarried

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