

VIGNESH M

P Y T H O N D E V E L O P E R

CONTACT

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EDUCATION

2021 – 2024

RAJAPLAYAM RAJUS' COLLEGE

- Bachelor of Science in Computer Science
- CGPA: 7.0 / 10

2025

SRM ARTS AND SCIENCE COLLEGE

- Master of Computer Application

SKILLS

Programming:

- Python

Web Technologies:

Front-end: HTML, CSS, JS

Backend : Express js, MongoDB

Machine Learning Tools:

- Pandas
- NumPy
- scikit-learn
- Matplotlib

LANGUAGES

- Tamil
- English

PROFILE

Enthusiastic and self-motivated Python Developer with a passion for solving real-world problems through clean and efficient code. Known for quick learning, logical thinking, and strong hands-on skills in Python.

ACADEMIC PROJECT

■ Traffic Sign Detection and Voice Alert System

2024

Title: Traffic Sign Detection and Voice Alert System

Tools & Technologies: Python, OpenCV, Machine Learning, Text-to-Speech (TTS), NumPy

Description: Developed a real-time system that detects traffic signs using image processing and machine learning techniques and provides voice alerts for identified signs. This system enhances road safety by assisting drivers with timely alerts about road signs such as stop, speed limit, pedestrian crossing, and more

INTERSHIPS

■ Python & Machine Learning Intern

2025

APROTECH PRIVATE LIMITED

- Completed hands-on training in Python and foundational Machine Learning concepts
- Worked with libraries like Pandas, NumPy, Matplotlib, Scikit-learn for data analysis and model building
- Gained experience in real-time datasets, preprocessing, training classification models
- Built a supervised learning model for predicting diabetes using k-nearest neighbors algorithm.

SOCIAL MEDIA LINKS

Linked in: www.linkedin.com/in/vigneshmuthuramalingam

Github: <https://github.com/Vicky108876>