

# ARAVINDKUMAR B

Computer Science Student

## Contact

+91 63696 40692

[nopzzaravind@gmail.com](mailto:nopzzaravind@gmail.com)

[Linkedin.com\@Aravindkumar B](#)

Theni District , Tamil Nadu

## Education

2019 - 2021

10 - 12th

**Sri Valli Varadharaj  
matriculation Hr Sec  
School**

2021 - 2025

**Under Graduation**

**Kalasalingam  
University**

## Skills

- Python
- Html
- CSS
- SQL
- Machine Learning
- Github

## Certification

- Earn a Python Certification  
from CSE Institution
- Completed a IBM  
Machine Learning from Coursera

## Language

- English
- Tamil

## About Me

I'm a Computer Science student with experience in machine learning and project management. I'm excited to use my skills to contribute to data-driven solutions and learn while working with a team.

## Projects

### Visual Question Answering

Project Description:

This research proposes a novel approach to answer image-based questions using multimodal generative AI models. By integrating a small language model with an extended knowledge base, our method reduces computational requirements while maintaining accuracy, enabling efficient and effective image-based question answering.

### Brain Tumour Detection and Patient Support System

Project Description:

To develop a web-based interface that provides patients with enhanced tumor diagnosis by utilizing a CNN-based tumor detection system. The interface will identify tumors and classify their types, while also offering financial support options, ensuring the overall well-being of patients. Also deploy system for detecting brain tumors and classifying their types using MRI images uploaded by patients. The system will include information on about the brain tumors type. Additionally, it will offer a secure donation system for patient-donor communication to support the patient's treatment journey.

### Personal Achievments:

Final Round Participant in Technical Quiz and Online treasure hunt on 17 February 2024 held at Mepco Schlenk engineering College, Sivakasi

### Publications:

"Data-Driven Analysis of Morbidity and Mortality Disparities Using ML and Big Data"

Presented at IEEE ICDCC 2024 (First Int'l Conf. on Data, Computation and Communication), Nov 2024

[Publiction Paper Link:](#)