

KAMALESHPATHY

VA

RAJALAKSHMI INSTITUTE OF
TECHNOLOGY

I'm an Electronics and Communication Engineering student who is interested in learning new technologies and knows Programming, web development, IoT, 3D modelling.

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GitHub: github.com/kamalesh-pathy-va



EDUCATION

Bachelor of Engineering (B.E.)

Rajalakshmi Institute of Technology, Chennai.

(Affiliated to Anna University)

Year of completion: 2023

CGPA: 8.37 (83.7%)

Senior Secondary (XII)

DAV Matriculation Higher Secondary School

(Tamil Nadu state board)

Year of completion: 2019

Percentage: 72.83%

Secondary (X)

DAV Matriculation Higher Secondary School

(Tamil Nadu state board)

Year of completion: 2017

Percentage: 85.20%

PROJECTS

People Counting System with Raspberry Pi

With the help of object detection and Raspberry Pi along with 3 others did this project, which will count the number of people entering and leaving the building by detecting humans, tracking them across region. Contributed majorly towards the tracking algorithm and helped in object detection.

Slappy Bird (VR Project)

A VR game developed along with 3 others, where you hit the evil birds flying towards you to gain points, developed with Blender & Unity. Contributed towards implementing the core features.

SKILLS

Languages

Python	★	★	★	★	☆
C	★	★	★	☆	☆
C++	★	★	★	☆	☆
Javascript	★	★	☆	☆	☆

Familiar Technologies

Fullstack Web Development (MERN Stack)

Arduino, Raspberry Pi, Linux

Blockchain Basics

Blender, MagicaVoxel (3D softwares)

Spoken Languages

Saurashtra – Native Language

Tamil – Professional proficiency

English – Professional proficiency

ACHIEVEMENTS

- Completed Joy of Computing Using Python on NPTEL with an Elite Silver badge (Sep-Dec 2020).
- Fullstack Inter & Training at ShapeAI (Remote) (July-Oct 2021).
- Got the best paper presentation award for the topic RITverse, an VR experience of my college (May 2022).