ARAVINTH SS

STUDENT

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ABOUT ME

I'm a student currently pursuing my engineering degree in Computer Science in "Rajalakshmi Institute of Technology". My main focus is in software development using Python and Java, I'm also keen in learning about Machine Learning and its applications and I also develop Indie Games and mobile games using Unity and C#

EXPERIENCE

11/10/2023 – 20/06/2024
Internship – Game Developer – Creative Brand Gurus

PROJECTS

- **Emotion Based Music Player:** An AI program that uses computer vision and detects a person's emotion and plays music accordingly. GitHub Link
- **Hand Recognition Model:** An AI program that uses computer vision and detects hand gestures and, on their basis, execute certain function on computer. GitHub Link
- **Notler:** A cloud-based notes application that works on any device that supports web 2 standards and synchronizes the notes across devices. GitHub Link
- **Metaverse Game:** A 3D game that is made to implement the concept of metaverse into it which is made to work on any kind of device and is made to work on WebGL standards. Link
- **Nightmare Strider:** A fast pace action 3D game which is built on Unity's 3D engine along with unity's technologies like URP. Website Link
- **Streamlit UI:** Developed a Graphical User Interface using python and Qt5 for an open-source library known as Streamlit which is made for video encoding. GitHub Link
- **IOT Based Dustbins:** An IoT based system that notifies the garbage collector vehicles when the dustbin is filled above 85% and resets when its emptied.
- **Chat Application:** Made using React, and Firebase for real-time data transfer. Website Link

EDUCATION

Alok Public School:

Higher Secondary - 2022

Rajalakshmi Institute of Technology:

B.E. Computer Science & Engineering – Currently Pursuing

TECHNICAL SKILLS

- PYTHON
- FLASK / DJANGO
- JAVA
- C#
- UNITY
- MYSQL / SQL
- FIREBASE
- JAVASCRIPT / TYPESCRIPT
- GIT
- MERN STACK
- THREE JS
- GAME DEVELOPMENT
- IOT
- AI-ML
- SVELTE-KIT
- KOTLIN