VIGNESHWARAN B

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EDUCATION

Sri Eshwar College of Engineering	**B.E (ECE)**	**CGPA 8.24**	**2021 - 2025**
Nagamani Ammal Memorial Matric.Hr.Sec School	**HSC**	**91.6%**	**2019 - 2021**
Nagamani Ammal Memorial Matric.Hr.Sec School	**SSLC**	**89%**	**2018 - 2019**

INTERNSHIP

Praya Labs - Intern   **2023**

Gained experience of **1 month** in **AR Developer**, **Web development** fundamentals and developed the pulse monitoring system, by using the Unity software and REST API to integrate IoT. Seamlessly integrated **augmented reality technology** to enhance user engagement and immersion, showcasing a technological expertise.

PROJECTS

PULSE MONITORING SYSTEM USING AR   **Video link**   **2023**

Data from the sensor is sent to Unity software via a customized Rest API, with an ESP8266, and a ky039 heartbeat sensor so that it can be displayed in an Augmented Reality (AR) view through mobile phone and include a few vital specifications to enhance user-friendly and blends technology to healthcare.

Tech Stack : C# Script, Rest API, Unity Engine, Vuforia SDK, Internet of Things.

MULTIPLE CODING PLATFORMS IN SINGLE APP   **Video link**   **2023**

Developed several coding platforms into a single application using Unity Engine to help the students learn to code. This application creates cross-platform experiences that are limited to mobile devices by utilizing Unity's multiplatform support. The purpose of this app is to give users an easy-to-use and adaptable way to learn, practice, and showcase their coding skills on a variety of platforms and languages.

Technology Used : Unity Engine, Basic UI/UX Design, C# Scripts.

2D CREEPY CAT GAME USING UNITY   **Video link**   **2022**

Designed and implemented core gameplay mechanics, including character movement, jumping, and enemy interactions, to create a captivating 2D gaming experience. Utilized Unity's robust features for sprite animation, physics, and collision detection to enhance the overall game dynamics. It also creating a unique and engaging game using existing assets and tutorials.

Technology Used : Unity Engine, C# Scripts.

CERTIFICATIONS

Foundational C# with Microsoft	**Microsoft**	**2024**
The Front-End Web Developer Bootcamp: HTML, CSS, JS & React - Meta Brains	**Udemy**	**2024**
The Joy of Computing using Python	**NPTEL**	**63%**	**2023**
Introduction to XR: AR,VR,MR Foundation	**Coursera**	**2023**
VR and 360 Video Production	**Daydream**	**2023**
Mastering Data Structures And Algorithms using C and C++	**Udemy**	**2022**

ACHIEVMENTS

Leetcode   **:** Solved 70+ problems | Contest Rating : 1463
HackerRank : 1 star in Problem solving and C Language
Skillrack   **:**   Solved 1030 problems | 10+ Certifications | 500+ Bronzes
Top Performer and cleared a **Diploma in Python Programming** exam with **"A" Grade**
Semi-Finalist in Project Expo at **BIT V-PRAYUKTI'23**

SKILLS

Programming Languages	**:**	C | C# | Python
Web Technologies	**:**	HTML | CSS | JS
Query Languages	**:**	MySQL
Core Concepts	**:**	Operating System
Tools	**:**	Unity Engine | Blender | Vuforia Engine | Canva | VS Code | Github