

LEYO JAFFRIN CLINGTON S

Software Developer

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EXPERIENCE

TryCAE (January 2023 - June 2023)

Virtual Reality Developer Intern

- Developed VR apps using Unity 3D on Meta Quest 2 for mechanical engineering prototypes. Improved design accuracy, reduced costs, and enhanced customer experience. skills: **Unity 3D, VR development, and 3D modeling.**

Cisco (July 2023 - September 2023)

Cybersecurity Program

- Completed Cisco Virtual Internship in Cybersecurity, focusing on hacking techniques, countermeasures, and secure network design using Cisco tools. Designed a secure college campus network and learned about **virus attacks, and prevention strategies.**

M-Tutor (September 2023 - April 2024)

Game Developer Intern

- Developed educational apps for students across mobile, web, VR, and AR platforms. Created engaging apps like a VR Labs and Virtual Tour. Learned **efficient coding, cross-platform development and API integration to enhance educational experiences.**

PROJECTS

Doctor Appointment Booking System

- The "Doctor Appointment Booking System" is a web application designed to streamline the process of booking appointments with doctors. It allows users to easily search for available doctors, check appointment slots, and book their appointments online. The system also facilitates doctors by managing their schedules efficiently, reducing manual work and potential errors in appointment handling.
- The project was built using the **MERN stack**, which includes **MongoDB** for the database, **Express.js** as the backend framework, **React.js** for building the dynamic frontend user interface, and **Node.js** for handling server-side operations. This technology stack ensures fast, scalable, and efficient application performance.

VR on Mechanical Engineering Designs

- Secured 2.5 lakhs in funding from New Gen for VR product development**, encompassing immersive demonstrations of car engine operations, detailed exploration of water tank structures, and an augmented reality showcase of bearing mechanisms in mechanical engineering designs.
- Collaborated with **TryCae** company to acquire and integrate CAD models, facilitating the implementation of VR solutions aimed at enhancing understanding and visualization of mechanical engineering concepts.
- Developed a Virtual Tour using virtual reality Technology inorder to make people feel the tourist places from their home themselves so that they can cut the travelling cost also it saves a lot of Time.

EDUCATION

B.E, Computer Science & Engineering, CGPA - 8.02

National Engineering College, Kovilpatti, 2024

HSC - CBSE, Computer Science, with 68%

Kamlavathi Higher Secondary School, 2020

SSC - CBSE, with 69%

Kamlavathi Higher Secondary School, 2018

CERTIFICATIONS

 Business English Cambridge Vantage - 2022

 Cloud Computing NPTEL - 2022

 Cisco Cybersecurity - 2023

 Google Cloud Associate Cloud Engineer Track - 2023

TECH STACKS

CJavaSpringBootAngular

JSP ServletsUnity C#Unity 3D

SQLHTMLCSSJavaScript


GITMongo DBExpress JSReact

Node JSMicrosoft Azure

Google CloudAWS Service

Augmented Reality

MOST PROUD OF

 CSE Association Secretary 2022 - 2023

 IEEE Xtreme (Global Rank 161) - 2022

 Active Participant in NSS 2021 - 2024

 Basketball Zonal Winner - 2023