LEYO JAFFRIN CLINGTON S

Software Developer

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PROJECTS

Chemistry Virtual Laboratory

- Played a pivotal role in the development of the Chemistry Virtual Laboratory project, a virtual reality educational product tailored for school students.
- Collaborated effectively with the 3D team to contribute in the **UX design, code implementation, and integration of user interactivity**.
- Implemented Function Management optimization techniques to enhance application efficiency, ensuring a cost-effective and immersive learning experience for users.

Balloon Phonics and VR Space Phonics

- Contributed to the development of Balloon Phonics and VR Space Phonics, leveraging **SpeechACE API** to facilitate English language learning and pronunciation improvement for school students.
- Engaged in various aspects of the project, including game design, scripting, animation, and UI/UX development, to ensure an interactive and engaging user experience.

Dubai Virtual Tour

- Development of Dubai Virtual Tour, a state-of-the-art **XR project**,I Played a significant role in model design, Skybox creation, material application, and lighting setup, ensuring the highest quality graphics and immersive environment for users to enjoy the iconic locales.

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.

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

C Java Unity C# Unity 3D
SQL HTML CSS Java Script
Google Cloud GIT Virtual Reality
XR Oculus SDK 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**