K Jagateesvaran Rajoo

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EDUCATION

Singapore Institute of Technology — Singapore
Bachelor with Honours in ICT majoring in Softwere Engineer — Expected Graduation, Oct 2027
- o Related Coursework: Discrete Math, Data Structures & Algorithms

Nanyang Polytechnic — Singapore
Diploma Game Development & Technology — Apr 2018 - Mar 2021
- o GPA: 3.45/4.00, Director List
- o Related Coursework: Multiplayer Game Programming, Mixed Reailty Development

Institute of Technical Education — Singapore
Merit Nitec in Information Technology — Jan 2016 - Dec 2017
- o GPA: 4.00/4.00, Director List
- o Related Coursework: Networking & Server Essitianls

EXPERIENCE

SHIPP — Singapore
Technical Lead Freelance — Mar 2022 – Aug 2023
- Strategize and plan the architecture for moblie app and work closely with developeres to ensure alignment with project goals and milestones
- Achieved over 1500+ User, indicating successful user engement and adoption of moblie app
- Attained #5 position in Dating category on Andorid and a commendable #19 position in the Social Netwokring category on IOS in February 2023

Razer Inc — Singapore
Software Engineer Intern — Feb 2021– July 2021
- Utilized Python and Firebase to create a system that scrap image and create a mosaic effect for a LCD display
- Utilized ReactJS to create unit testing

Anomalyst Studio — Singapore
Game Developer Intern — Sep 2020 – Nov 2020
- Create a Mixed Reailty Enivormnet in Unity for a Virtual Keynote Event that was able to support over 1 Million concurrent user at ones
- Integrated Twitch API along with HTC Vive Tracker, DSL Camera, Green Screen and Rokoko Suit technologies into unity for mixed reailty project

PROJECTS

Timetable Scrapper — Singapore
Personal Project — Aug 2023
- Developed a Python-based scraper to extract school timetables from HTML to CSV,enabling students to seamlessly upload it to their Google Calender for enchanced usability and reference
- Acheieved over 100+ downloads, reveived positive feedback for user

Licenses & Certifications

Microsoft Certified — Microsoft,Online
Azure Fundamentals — Jun 2021
- Gained foundational knowledge in Azure cloud services,cloud data,networking secuirty,storage, and virtualization

SKILLS

Programming: Python, C++, C, HTML, CSS, Javascript,Java,C#
Tools: Unity, Unreal Engine, Ardunio Studio,MQTT,Flutter,Firebase