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

ARAS   Singapore
Software Engineer Freelance   Apr 2024 – Dec 2024
- Automated manual scheduling processes, replacing phone-based practitoner-client coordination with a seamless online system, saving the team over 20 hours per week and reducing scheduling time by 100%
- Engineered a scalable solution using React, Next.js Firebase and GCP to handle real-time availability syncing for practitioners, ensuring seamless booking for clients
- Integrated multiple API (Google Calendar, Gmail, Resend.io, Zoom) to automate booking confirmation and meeting links, eliminating 100% of manual follow-up tasks and improving operational efficiency

SHIPP   Singapore
Software Engineer 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

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

OurDementiaCareSG   Singapore
School Project   Dec 2017
- Developed a moblie app to assist elderly patients with dementia,enabling hospitals and patients to monitor the patient condition and facilitaing dementia traning from home

Licenses & Certifications

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

SKILLS

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