

K Jagateesvaran Rajoo

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EDUCATION

Singapore Institute of Technology Singapore
Bachelor with Honours in ICT majoring in Software Engineer Expected Graduation, Oct 2027

- Related Coursework : Object Oriented Programming, Discrete Math

Nanyang Polytechnic Singapore
Diploma Game Development & Technology Apr 2018 - Mar 2021

- GPA: 3.45/4.00, Director List
- Related Coursework : Data Structure & Algorithm, Linear algebra

EXPERIENCE

SHIPP Singapore
Technical Lead Freelance Mar 2022 – Aug 2023

- Strategize and plan the architecture for mobile app and work closely with developers to ensure alignment with project goals and milestones
- Achieved over 1500+ User, indicating successful user engagement and adoption of mobile app
- Attained #5 position in Dating category on Android and a commendable #19 position in the Social Networking 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
Software Engineer Intern Sep 2020 – Nov 2020

- Create a Mixed Reality Environment in Unity for a Virtual Keynote Event that was able to support over 1 Million concurrent user at once
- Integrated Twitch API along with HTC Vive Tracker, DSL Camera, Green Screen and Rokoko Suit technologies into unity for mixed reality project

PROJECTS

Timetable Scraper 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 Calendar for enhanced usability and reference
- Achieved over 100+ downloads, received positive feedback for user

OurDementiaCareSG Singapore
Final Year Project Dec 2017

- Developed a mobile app to assist elderly patients with dementia enabling hospitals and patients to monitor the patient condition and facilitating dementia training from home

Licenses & Certifications

Microsoft Certified Microsoft, Online
Azure Fundamentals Jun 2021

- Gained foundational knowledge in Azure cloud services, cloud data, networking security, storage, and virtualization

SKILLS

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