

# K Jagateesvaran Rajoo

Singaporean | jagatees.work@gmail.com | 97823441 | LinkedIn: jagateesvaran | GitHub: Jagatees

## EDUCATION

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Singapore Institute of Technology	Singapore
Bachelor with Honours in ICT majoring in Software Engineer	Expected Graduation, Oct 2027
○ Related Coursework: Discrete Math, Data Structures & Algorithms	
Nanyang Polytechnic	Singapore
Diploma Game Development & Technology	Apr 2018 - Mar 2021
○ GPA: 3.45/4.00, Director List	
○ Related Coursework: Multiplayer Game Programming, Mixed Reality Development	
Institute of Technical Education	Singapore
Merit Nitec in Information Technology	Jan 2016 - Dec 2017
○ GPA: 4.00/4.00, Director List	
○ Related Coursework: Networking & Server Essentials	

## EXPERIENCE

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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	
Anomalyst Studio	Singapore
Game Developer 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

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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
School Project	Aug 2023
● 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

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

## SKILLS

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