Jake Onquit

Singapore

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SUMMARY

Full-stack developer with experience in React, Material UI, .NET and Flask.

SKILLS

HTML, CSS, Javascript, Python, SQL, C#, .NET, Flask, React, Material UI, Git, MySQL, Microsoft SQL Server

PROJECTS

JewelRE   **Oct 2024 - Feb 2025**
- A sustainable jewelry store developed for my Enterprise Development Project module.
- Implemented secure User Authentication with Google Sign-in and 2FA
- Our technology stack included React, Material UI, .NET and Microsoft SQL Server

WishSim   **Feb 2025 - Present**
- A personal project simulating the wishing system from the video game "Genshin Impact"
- Live Website: sunrayyourdev.github.io/wish-simulator
- Using HTML, CSS and Javascript allowed me to develop a minimum viable product quickly and easily

COMPETITIONS

NYP SIT Code Overflow Hackathon   **Sep 2024**
2nd Runner Up
- Competed against 15 other teams to improve financial literacy among teens
- Our solution "InvestAcademy" aimed to educate teens on sensible stock trading practices
- Some features include an Introductory Course, MCQ Quiz, Scenario Training and Case Studies
- React and Material UI were used to build the frontend, while Flask and SQLite supported the backend API for quiz scores
- Pitched our application to over 50 students and lecturers and clinched 3rd place

EDUCATION

Nanyang Polytechnic   **Apr 2023 - Aug 2026**
Diploma in Information Technology

Naval Base Secondary School   **Jan 2019 - Dec 2022**
GCE O-Levels

CO-CURRICULAR ACTIVITIES

Mentoring Club   **Oct 2024 - Apr 2025**
Sub-committee Member
- Assisted in managing internal events
- Communicated with external organisers for educational programmes
- Engaged in academic coaching and reading for children and youths

Infocomm Club   **Apr 2021 - Apr 2022**
Vice-president
- Planning educational workshops
- Managed audio-visual elements for school activities and events
- Led photography teams for multiple school events

CERTIFICATIONS

PCEP - Certified Entry-Level Python Programmer
Issued by Python Institute