NICHOLASNG

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LinkedIn | Portfolio Site | Github

EXPERIENCE

Software Developer - Internship   Aug 2022 - Present

Society for Worldwide Interbank Financial Telecommunication (Swift)

- Migrated 6 pipeline jobs from Jenkins to Cloudbees Jenkins.
- Adept at agile (Scrumban) practices in day-to-day work.
- Gave a lightning talk about CloudBees migration during 2022 Q4 BRP.
- Migrated unit tests from JUnit 4 to JUnit 5.

EDUCATION

Bachelor's Degree   Sep 2019 - Expected to graduate on Feb 2023

Universiti Tun Hussein Onn Malaysia   CGPA 3.89/4.0

Computer Science (Software Engineering) with Honours

SKILLS

Web Development: HTML, CSS, JavaScript, React.js and Bootstrap.

- Developed and hosted a personal portfolio with HTML, CSS and Bootstrap.
- Built MEA Aquaponics using React.js.
- Developed and published a calculator with HTML, CSS, JavaScript and Netlify.

Programming languages: **Java, C++ and Node.js.**

- Migrated 1000+ unit tests from JUnit 4 to JUnit 5.
- Competed in competitive programming competitions with C++.
- Implemented Node.js to develop the backend of MEA Aquaponics.

Tools: **Git, Postman API and Figma**

- Published 3 completed repositories and 1 working repository on Github.
- Assessed validity of Application Programming Interface (API) of a project with Postman API.

Languages: English, Malay and Mandarin.

- Native English speaker (MUET Band 5).
- Full professional Malay and Mandarin.

PERSONAL PROJECTS

MEA Aquaponics   Demo | Code

Developed an aquaponic e-commerce system with forum feature with MongoDB, Express.js, React and Node.js.

Allow users to purchase aquaponics accessories and discuss about aquaponic.

Calculator   Demo | Code

Developed a calculator with standard operations with HTML, CSS and JavaScript.

AWARD, HONOURS AND ACTIVITIES

Touch n' Go eWallet Young Entrepreneurship Challenge 2022 (Aug 2022)
Awarded 1st runner-up by pitching the idea GOcity to improve user satisfaction and promote continuous usage.

Traditional Development vs Low Code Development Webinar (May 2022)
Speaker of a live webinar about traditional development and low code/no code development for 60 undergraduate students.

Google Kickstart (2021-2022)
Achieved top 3000 in global competitive programming competition by implementing data structure and algorithm with C++ programming language.