YEO WEI HAN

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SKILLS

Java | JavaScript | TypeScript | Node | Postman | React | SQL | Git | CI/CD | Unit Testing | Tableau | PowerBI | Python | C++ | Bash | Product management | Infrastructure | TCP/IP | Load balancing | CDNs | Incident response | Troubleshooting | Debugging | Unix & Linux environment | Microservices | Distributed Systems | Frontend | Backend | Full-Stack

English, Chinese – *All professional proficiency or above*

EDUCATION

National University of Singapore   **Aug 2021 - May 2025**
Junior year student major in Information Systems
Specialization in Intelligent Systems Solutioning.

RELEVANT WORK EXPERIENCE

Razer, Singapore,
Software Engineering (Automation and tooling)   **May 2024 - Present**
- Managed issue tracking and test cases with **Jira** and **TestRail**. Developed **automation tests** using **Robot Framework**, **Selenium**, **Python**, and **Jenkins**. and updated on current **automation smoke tests.**
- Migrated **Jenkins** jobs to pipeline for **improved workflows**. Enhanced **UI threading** for Synapse 4 on Apple's Mac devices. Conducted **unit testing** with **Jest** and automated testing with **Batch** and **PowerShell**.

Deloitte, Singapore,
Cyber Application Security Analyst (Cyber & Strategic Risk)   **May 2023 - Jul 2023**
- Drafted technical engagement proposal letters, communicating, and presenting **technical challenges and solutions to clients.**
- Automated the extraction and integration of SAP data into **Power BI and Tableau**. Achieved a **25% operational efficiency** gain, measured by a **40% reduction in data processing time**, resulting in enhanced reporting capabilities and deeper insights.

Kyndryl, Singapore,
IT Operations Engineer (Deskside engineer)   **May 2022 - Aug 2022**
- Specialized in providing technical support and maintenance. Deployed, cloned hardware change operations for healthcare technology solutions **for thousands of devices** for **supporting end users**.
- Utilized **task scheduler** and **batch scripting** to **automate routine tasks**, enhancing operational. **Achieved a 20% process optimization** as measured by **reducing processing time by 45 mins** daily.
- Additional learning: Learn about **TCP/IP networking** in internet service architectures (load balancing, **CDNs**).

CPF Board, Singapore,
IT Operations Assistant   **May 2019 - Aug 2019**
- Cultivated professional relationships with 10+ clients, adeptly discussed the nature of variables and guiding optimal utilization within **the data compliance** context.
- Collaborated cross-functionally to design and implement the integration of hundreds of new variables into the organization's data dictionary. Utilized technologies such as **Python** for **data processing** and **cleaning**, **SQL** for database management.

Ngee Ann Polytechnic, *Singapore*
Lead Software Engineer   **May 2018 - Jun 2019**
- Develop an autonomous concierge and security robot, boosting hospital security and visitor guidance for **1000+ weekly visitors.**
- **Team lead** for a software development project incorporating advanced technologies, including **ROS**, **Google Dialogflow**, SLAM, **Computer Vision**, and **C++,** in a **Linux environment**, and created new messages in packages, utilizing CMakeList.txt.

SOFTWARE PROJECT EXPERIENCE

Journy, *Travel Collab Web Application*   **Feb 2023 - Apr 2023**
- Did a travel web application designed to streamline the process of creating and sharing personalized travel itineraries.
- Tech stack: **JavaScript, Java, Next.js, Spring, Bootstrap, MySQL, JWT**. Link to GitHub frontend project + backend project,

Hangman Html Game, *TikTok Coding Camp*   **May 2022 - Jun 2022**
- Created a cross-platform web/mobile game during a TikTok coding camp within less than a month utilized **HTML, CSS, ReactJS, and JavaScript** as part of a collaborative team of three members. Link to game project.

ORGANISATION AND COMMITTEE EXPERIENCE

Ngee Ann Polytechnic, Singapore**,** *Student Leader*   **May 2019 - Jul 2019**
- Appointed and worked with **20+ student leaders** in Ngee Ann Polytechnic School of Engineering Open House.
- Conducted **public speaking engagements** to engage **100+ prospective students and parents**, encouraging interest in applying for courses at Ngee Ann Polytechnic.