

TAN YOU HAN

+60164982928 | youhantan02@gmail.com | [GitHub](#) | [MySite](#) | [LinkedIn](#)

SKILLS

- **Programming / Scripting Languages:** Java, Python, HTML5, CSS, Javascript, C++, SQL
- **Frameworks:** Spring Boot, Hibernate, Django, ReactJS, BootStrap
- **Databases:** MySQL, SQLite, Oracle Database, MongoDB
- **Tools:** Git, GitHub, Ubuntu Linux, VSCode, IntelliJ, Draw.io, VirtualBox, Taiga, Microsoft Office
- **Web Testing:** JUnit, Mockito, Insomnia
- **Languages:** English Language, Mandarin, Malay Language
- Solid knowledge of object-oriented design and programming, boundary-controller-entity framework, UML design
- Had experience as part of an Agile team throughout the entire software development lifecycle using Taiga as the project management tool

EDUCATION

University of Wollongong Jan 2022 – Dec 2023

Bachelor of Computer Science (Big Data) (Distinction)

Singapore Institute of Management Oct 2020 – Sep 2021

Diploma in Information Technology CGPA: 4.0 / 4.0

- Obtained SIM Gold Award

PROJECTS

Student Management Web Application Jan 2024 – Jan 2024

- Developed a student management system that can perform **CRUD** operations utilizing **Spring Boot** and **ReactJS**; incorporated **Bootstrap** for the UI design; built and managed dependencies of the project using **Maven**
- Designed and implemented a **REST API** while leveraging **Spring Data JPA** to interact with the **MySQL** database
- Conducted extensive **unit testing** for each feature utilizing **Mockito** and **JUnit** testing frameworks and tested the REST API using **Insomnia** to ensure robust backend functionality

Social Media Website Clone Dec 2023 – Dec 2023

- Built a responsive social media website that simulates the user interface of Facebook and Instagram utilizing **ReactJS**, **HTML** and **SCSS** with functionalities such as toggling dark/light mode, posting, commenting, liking and following
- Applied **Material UI** library for the icons and **Moment.js** library to manipulate the date and time format

Online Quiz Website Nov 2023 – Dec 2023

- Developed and deployed a quiz website with a timer and rewards features utilizing **ReactJS**, **HTML** and **CSS**

E-commerce Website Clone Aug 2023 – Nov 2023

- Collaborated with a team of 5 as a main backend developer to develop and deploy an e-commerce website integrated with a recommender system that simulates functionalities of Shopee and Lazada utilizing **Python**, **Django** framework and **SQLite** as the database, while using **Git** as the version control tool for effective collaboration and code versioning
- Spearheaded the backend development of the website and implemented features like user registration and authentication, shopping cart, order, payment and pagination of the website
- Collaborated with the frontend developer to ensure seamless integration of frontend and backend components

ACTIVITIES

- AWS Cloud Academy Graduate – AWS Academy Cloud Foundations Mar 2023
- Subcommittee of Malaysian Community in SIM (MCSIM) Mar 2021 – Mar 2022