

Huilun Ang

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Skills

- **Languages & Frameworks:** Python, Java (Spring Boot), C, SQL/NoSQL, Javascript (ReactJS), Shell Script
- **Tools:** Git, Docker, Kubernetes

Experience

Open Source (StandupMan), MLH Fellowship

Remote | Feb 2022 - Apr 2022

- Developed a Slack app as a mode of choice to streamline users' standup processes.
- Created a reminder system to remind users to post their standup notes.
- Stack: Node.js, ExpressJS, MongoDB

Software Developer Intern, SAP

Singapore | Sept 2020 - Feb 2021

- Constructed integration tests using Docker SDK (Python) to safeguard future coding alignments and merged them into CI/CD pipeline.
- Reviewed existing code and implemented relevant changes and unit tests, promoting SAP's documented conventions.
- Stack: Python, Docker, Jenkins

Project

TravelExp

Nov 2023

- Created a web application enabling users to organize and oversee their travel itineraries for desired destinations.
- Integrated cloud-native technologies, such as the design of microservices, container orchestration, and load balancing, to modularize and scale the application.
- Stack: ReactJS, Spring Boot, Kubernetes

Smart Bloobin

July 2023

- Developed a web application to foster widespread recycling practices with our commonly seen blue bins in the neighborhood.
- Trained a basic image classification model capable of categorizing various types of recyclable items and stored the detection results for future analysis.
- Stack: Python (Flask), SQL/NoSQL, Docker

ATM System

Apr 2023

- Implemented an ATM system and applied object-oriented practices to optimize code design.
- Utilized using an interface to extend multiple entities of an object and achieved up to 90% of code test coverage.
- Stack: Java, SQL, Docker

Financial Sentiment Exploration

July 2021

- Built a web application that translates financial stock tweets into sentiment scores.
- Graphed the sentiment scores against stock price over time for users to infer the stock's performance along with the netizens' opinions.
- Stack: Python, Streamlit

Certification

AWS Cloud Foundations

Sept 2023

Academy Graduate

AWS Cloud Architecting

Sept 2023

Academy Graduate

VMware Docker Fundamentals

Sept 2023

Digital Learning

VMware Kubernetes Fundamentals

Sept 2023

Digital Learning

Education

SIT & University of Glasgow

BSc (Hons) Computing Science

Aug 2022 - Aug 2025

Nanyang Polytechnic

Diploma in Financial Informatics

Apr 2018 - Apr 2021