Cruz <u>Chua</u>

Singapore | +65 9277 3372 | 2001cruzchua@gmail.com
github.com/CruzChua2001 | linkedin.com/in/cruz-chua

PROFESSIONAL SUMMARY

Prospective Software Engineering undergraduate passionate in software development with almost 2 years of experiences gained through internship and contract roles. Keen in learning new technologies and constantly upgrading my skill sets to develop feature-rich and impactful applications.

EDUCATION

Singapore Management University
Bachelors of Science
- Major in Software Engineering (Intended)

Nanyang Polytechnic   **Apr 2020 - Apr 2023**
Diploma in Information Technology
- Specialisation: Cloud Computing, Amazon Web Services
- Notable Distinction: Web Development

EXPERIENCES

Urban Redevelopment Authority of Singapore   **Aug 2022 – Jun 2023**
Software Developer
- Coordinated a case submission system, a back end collaboration platform based on **Spring Boot** for receiving cases submitted in AWS Simple Queue Service and SFTP server by other government agencies.
- Worked in a team of 10, tasked to develop scheduled jobs with **Quartz** to receive messages from the queue and download files from SFTP servers handling 100 files on a daily basis.
- Implemented APIs for other team members to consume, for retrieval of data from OracleDB with **Hibernate.**

Urban Redevelopment Authority of Singapore   **Mar 2022 – Aug 2022**
Software Developer Intern
- Enhancement of Media Library Platform based on **.Net Core** and **React** used by 500 employees, with 100 daily uploads and downloads of image files.
- Redesigned user interface to increase upload efficiency by 50% and chunking image data to Azure Blob Storage for optimisation.
- Developed a dashboard to gain insights into users' behaviour and improve system understanding by utilising visual representations**.**

CYC Movers   **Sep 2019 – Dec 2019**
Software Developer Intern
- Independently developed a quotation service website based on **PHP**, reducing workload for staff and providing moving prices for 10 to 50 customers daily.
- Designed and controlled the architecture of the web application, from front end to back end and hosting the web application on CPanel.
- Formulated the calculations of moving quotations for different container sizes and moving items.

SKILLS

- **Programming Languages**: JavaScript, Python, HTML, CSS, Java, C#
- **Frameworks**: Node.JS, .Net Core, Flask, Spring Boot
- **Technologies**: React, webpack, Git
- **Database**: Oracle, MySql, phpMyAdmin, Amazon DynamoDB
- **Cloud Platforms**: Amazon Web Services (AWS), Google Cloud, Microsoft Azure, Alibaba Cloud

ADDITIONAL INFORMATION

- **Languages**: English (Proficient), Mandarin (Conversational)
- **Interests**: Professional Foosball, Travelling, DJ
- **Availability**: May - Aug 2025

AWARDS AND ACCOLADES

- ITE Director's List   2018
- ITE Director's List   2019
- ITE CCA Medal   2020

CERTIFICATIONS

- [AWS Academy Cloud Architecting](#)   2023
- [AWS Academy Cloud Developing](#)   2023
- [AWS Academy Cloud Operations](#)   2023
- [NVIDIA Fundamentals of Deep Learning](#)   2022
- [Google Cloud Computing Foundation](#)   2022
- [Google Foundation of User Experience (UX) Design](#)   2022
- [Harvard CS50x Introduction to Computer Science](#)   2021
- Alibaba Cloud Associate   2021