

# CHUA ZHENG TAT

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## TECHNICAL SKILLS

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**Languages:** Python, Bash, Java, Javascript, SQL, Golang

**Frameworks, Software & Services:** Flask, Selenium, Flutter, React, Git, NodeJS, Cucumber, MySQL, Terraform, GitLab, Ansible, Springboot, Vim, AWS, Docker

**OSes:** Windows, Linux

## WORK EXPERIENCE

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S&P Global

2021-06 - Present

### Associate I Software Developer

- Delivered features, enhancements and tests on existing product built with Springboot. Utilized multiple services on AWS in the design and delivery of a decoupled service running with Lambda, S3 and SQS with the use of Terraform.
- Written design and support documentation for new and existing software
- Created internal scripts (Shell/Python/Golang) for support, development use: Shell script that does mass user creation across multiple environments reducing time spent by 90%, Python script to generate test cases to reduce development time by 50%.
- Designed and built a new standalone service on Springboot, coupled with AWS S3 and RDS to provide a multi-platform solution for a requirement with high volume of inflow/outflow data.
- Executed and planned major migrations and exercises for clients with high data loads (over 80 million records).
- Provided time-critical support, analysis and fixes for post-delivery maintenance as part of the L2/L3 support team. Delivered performance fixes that reduces time taken for output by over 80%.
- Maintained and enhanced existing infrastructure built using Terraform, shell scripts and CI/CD pipelines using GitLab. Transitioned manually-created resources into stateful ones, and created CI/CD pipelines to streamline delivery process.

Technologies & Languages used:

Springboot, Java, Cucumber, GitLab, Terraform, Linux, Shell, Bash, AWS, Python, JUnit, Cucumber

Autodesk Pte Ltd

2018-11 – 2019-10

### **Client Services Representative**

- Utilized existing CRM and ERP platforms to provide support and order taking for clients.
- Provided troubleshooting and issue resolution for the product through investigative work with clients ranging from distributors to end consumers

Pole to Win Singapore Pte Ltd

2016-01 – 2018-11

### **Customer Support Team Lead**

- Spearheaded a small team of agents in daily operations. Liaised with Japanese clients for project objectives and targets. Did translations from English/Chinese to Japanese and vice versa.
- Removed human error and reduced time taken for operations by over 80% by implementing a Python script to extract data and manipulate data into the required format in Excel.
- Reduced time taken for workflow operations by over 30% through the implementing of scripts in Google App Script using Javascript.

## **PERSONAL PROJECTS**

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### **StudyBuddy**

Mobile application for flashcard-based studying with analytics for targeted learning built using Flutter

### **E-commerce Automation for [www.theo10.com](http://www.theo10.com)**

Built a Python automation script that utilizes WooCommerce's API for order retrieving and data manipulation

## **EDUCATION**

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University of Wollongong

2019-01 – 2021-06

**Bachelor of Computer Science with  
Distinction, Big Data**

Ngee Ann Polytechnic

2010-01 – 2013-01

**Diploma in Business Studies**