CHUA ZHENG TAT

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TECHNICAL SKILLS

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

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

OSes: Windows, Linux

WORK EXPERIENCE

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

StudyBuddy

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

E-commerce Automation for www.theo10.com

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

EDUCATION

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