JAZEREEL LYDIA GOH REIKO
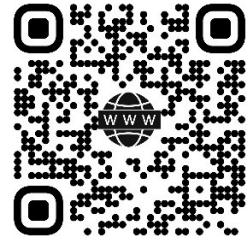
(65) 9672 3481 — reikolydia@reikolydia.sg — www.reikolydia.sg

Possesses the willingness to learn and takes on challenges enthusiastically. Able to multi-task effectively and efficiently, learn quick on the spot, prioritize and perform under stress and pressure. Highly self-motivating, adaptable to situations and surroundings and is also comfortable working with both individually and in a team.

EXPERIENCE

SIEMENS SG

ANOTECH ENERGY

2022 – PRESENT

METRICS VALIDATOR / SOFTWARE TEST ENGINEER

- Verification of Business Intelligence's logic and metric definitions.
- Used a combination of Python and SQL queries (HIVE) to extract large datasets of varying data types for data manipulation.
- To analyze, understand, troubleshoot and debug problems in the existing software and data in order to implement fixes to achieve the required data output goals in a timely fashion.
- Usage of NLP/NLTK (Natural Language Processing) in Python to aid data input from targeted end users when required input data is ambiguous.
- Participated in a Scrum/Agile style of daily and weekly reporting. Includes collaborative use of JIRA, Confluence, GitLab.
- Designed System Integration and User Acceptance Tests (SIT/UAT) to ensure all output data is shown in accordance with the System Requirements and Design Specifications (SRS/SDS).
- Part of the REAMS (Rail Enterprise Asset Management System) project working in tandem with LTA and ST Engineering.

KEYSIGHT SG

AUDACIX PTE LTD

2021 – 2022

AUTOMATED SOFTWARE TESTING CONSULTANT

- In charge of converting human manual tests cases to computer automated testing using Keysight developed software, Eggplant Functional and Selenium WebDriver.
- Eggplant Functional requires its programming language SenseTalk, which required minimal learning on my part.
- Involved with assisting to troubleshoot and debug some of Keysight's human machine interface softwares, using C#.
- Participated in a Scrum/Agile style of daily and weekly reporting. Includes collaborative use of JIRA, Confluence, Git.
- Designed User Acceptance Tests (UAT) to ensure converted automated test cases and results match previously human manual testing.
- Implemented negative testing to cover unknown out-of-scope inputs and results.

OCBC BANK SG

COMTEL SOLUTIONS

2020 – 2021

TEST ANALYST

- Software testing of bank applications on iOS, Android and major desktop web browsers.
- Assisted to set up, test and implement the new Equities function on the platform.
- Participated in a Scrum/Agile style of daily and weekly reporting. Includes collaborative use of JIRA, Confluence.
- Set up and shared automation scripts and macros to enable quick use of internal banking applications that include, but are not limited to, the setting up of accounts.
- Tested and implemented the new SGQR functions on the mobile application. A sample of this implementation is at:
  - https://reikolydia.sg/emvco-sgqr-generator
- Involved with other various forms of testing, including but not limited to: stress testing, negative testing, UAT.

COVID-19 SUPPORT

HEALTH PROMOTION BOARD

RAFFLES MEDICAL GROUP

2020

HPB SWABBER / HEALTHCARE ASSISTANT

- Frontline COVID-19 swabbing operations.
- Maintaining and updating the national COVID-19 database.
- Temperature screening using various thermal scanning equipment.
- Assisting duty nurses in quarantine procedures across various locations in Singapore.
- Volunteered to prevent the entering and additional spread of COVID-19 in Singapore.

VENTURE PTE LTD

BEYONDSOFT INTERNATIONAL

2019

SYSTEMS TESTER

- Testing of specialized micro-electronics for Human Machine Interfaces (HMI).
- Generating new methods of testing new hardware.
- Testing was done using purely Linux, which necessitated the writing, testing and implementation of bash scripts.

RAZER SG

BEYONDSOFT INTERNATIONAL

2018 – 2019

TEAM LEADER

- Managing a peak of about 30 testers and other test team's leaders in total.
- Participated in a Scrum/Agile style of daily and weekly reporting. Includes collaborative use of JIRA.
- Designed new manual UAT test cases for new hardware and software.
- Assisted to automate some manual test cases using, but are not limited to, Excel Macros, AutoHotkey.
- Directly liaising with Razer's engineers to solve problems and provide testing feedback.

HP SINGAPORE

BEYONDSOFT INTERNATIONAL

2018

SOFTWARE TESTER

- Testing of prototype printers' software and hardware.
- Capturing, documenting and recreating both known and unknown defects and bugs.
- Much of the testing involved hard probing using oscilloscopes and other equipment, which includes a freezer and an oven at one point.
- As testing is mostly manual, tools to increase automation were used. That included Excel Macros and AutoHotkey.

MANUFACTURING INTEGRATION TECHNOLOGY LTD

i.PAC MANUFACTURING

CASEM (ASIA)

AMS MICRON

2016 – 2018

TECHNICAL SPECIALIST

- Primarily in the semiconductor manufacturing industry, involved in the setting up of machines used to process semiconductor chips.
- Assembly, testing and calibration of silicon wafer pick and place machines.
- Much of the testing involved a cleanroom environment, which did add an additional layer of acclimatizing.
- Additional assembly, testing and calibration of chip scanning machine vision 3D cameras.
- Often deployed to customer sites like AMS Micron to assist in setting up and troubleshooting the silicon wafer machines.

EDUCATION

SINGAPORE POLYTECHNIC
2016

DIPLOMA IN MECHATRONICS AND ROBOTICS

ACHIEVEMENTS

2022 DATA ANALYTICS FOR EVERYONE: DESCRIPTIVE ANALYTICS

- https://www.credential.net/d1d7fe0e-e46c-4679-9007-51e7d05c4767

DATA ANALYTICS FOR EVERYONE: PREDICTIVE ANALYTICS

- https://www.credential.net/32401dbe-c4c1-42df-9fa2-9ada6c196acc

AI FOR EVERYONE: AI4E

- https://www.credential.net/f22d58dc-4d20-4b22-93eb-87cb737f3ed1

TAGUI: BEGINNERS COURSE

- https://www.credential.net/41ef2abd-548b-4e65-a66a-ffb1ff134653

2021 EGGPLANT FUNCTIONAL LEVEL 1 - EXPERT

- https://certificates.easy-lms.com/exam/session/dc6ba612-56ee-42d3-b1b7-31d1b35d40fc

KEYSIGHT: COUNTERFEIT AWARENESS

2020 AI FROM THE DATA CENTER TO THE EDGE – AN OPTIMIZED PATH USING INTEL® ARCHITECTURE

- https://www.youracclaim.com/badges/e712c792-21cf-4316-b3b0-58a97c09b834

AI FOR EVERYONE: THEORY

- https://www.credential.net/3201edbd-4a71-4fd1-9e31-7e75f2ec165c

AI FOR INDUSTRY: FOUNDATIONS IN AI

- https://www.credential.net/88f0a40e-2c80-4ef6-b541-ee6995f919d4

AI FOR INDUSTRY: LITERACY IN AI

- https://www.credential.net/80cda141-de3e-4130-93de-23feaa329a23

HPB: INFECTION PREVENTION AND CONTROL FOR HEALTH CARE SUPPORT

- https://be.gnowbe.com/8bzez

2016 BUSINESS ETHICS FOUNDATION: CERTIFICATE OF COMPETENCY

2014 DISTINCTION FOR INDUSTRY TRAINING PROGRAM

2006 / 2005 OUTWARD BOUND: BRUNEI / SINGAPORE

2005 / 2003 National Junior Robotics Competition - EXCAVATION SURVEY TEAM: H2O / BERMUDA TRIANGLE

SKILLS

LANGUAGES	**ENGLISH**: Both Written and conversational
	CHINESE: Conversational
INFORMATION TECHNOLOGY	**Major Operating Systems**: Windows (and Servers), Mac, various Linux distros
	Microsoft Office Suite: Word, Excel, Outlook, PowerPoint, OneNote, Visio, VBA Macros
TECHNICALITIES	**MS Visual Studio**: 2013, 2020, 2022, Code
	Google Web Designer, Microsoft WebMatrix, WYSIWYG Web Builder
	Adobe Creative Suite 2022: Photoshop, Premiere Pro, After Effects, Audition, Lightroom, Bridge, Media Encoder
	Autodesk: AutoCAD, Inventor Professional
	MP Lab IDE, Levi Studio, Siemens LOGO!Soft, ModBus
PROGRAMMING LANGUAGES *Codes mostly available on GitHub*	C++, C#, C
	Python
	MySQL, HIVE
	OS Scripting: Batch, PowerShell, Bash, AutoHotkey
	Visual Basic
	HTML, JavaScript, PHP, CSS, Sass, Markdown
	Eggplant SenseTalk
NOTABLE OTHERS	Atlassian JIRA, GitLab, GitHub, TortoiseSVN, Subversion, SourceTree, Selenium
	SurveyCraft, CMT1000, WoodWard Smart View, Interwoven TeamSite, Mediabin
	Serato ScratchLive, VirtualDJ, Ableton Live, Sound Forge Pro, FL Studio
	CryEngine 3, Unreal Engine 4, Cheat Engine, HxD Hex Editor
	VNC, TeamViewer, RDP, Barrier
	Docker, Portainer, NGINX, Apache
	Grafana, Prometheus
	Jupyter: Lab, Notebook, Hub

INTERESTS

ROBOTICS   Programming, Artificial Intelligence, Big Data, Fabrication, Assembly and Testing.

IT & NETWORKING   Has successfully designed and put in place an active 10Gb/s optical fiber network. Am designing and building a portable touch screen 4G/LTE Wi-Fi router using a Raspberry Pi. Completed a NAS personal side project.

3D DESIGN   Mechanical and Electrical 3D Solids Design.

MULTIMEDIA   Mixing Music, Making Videos and Special Effects.

GAMING   Making Mods and Finding Exploits.

SPORTS   Cycling, Stunts and Long Distances.

OTHERS   Enjoy coming up with new ideas to improve life (think-tank style).

REFERENCES

KELLIN ER   (65) 9009 9649

- www.linkedin.com/in/kellin-er

AVAILABILITY

NOTICE PERIOD   **1 MONTH**