



# JAZEREEL LYDIA GOH REIKO

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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

### DBS SINGAPORE

#### TEST ANALYST (MANUAL)

*PERCEPT SOLUTIONS*

**2023 – Present**

- In charge of the creation of mobile banking testing and test cases using jBehave.
- Software and hardware testing involves the usage of both mobile iOS and Android devices.
- Participated in a Scrum/Agile style of daily reporting. Includes collaborative use of JIRA, Confluence.

### SIEMENS SG

#### METRICS VALIDATOR / SOFTWARE TEST ENGINEER

*ANOTECH ENERGY*

**2022**

- 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 HPB SWABBER / HEALTHCARE ASSISTANT

HEALTH PROMOTION  
BOARD

RAFFLES MEDICAL  
GROUP

**2020**

- 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.
- Awarded the COVID-19 Resilience Medal.

## **VENTURE PTE LTD SYSTEMS TESTER**

BEYONDSOFT  
INTERNATIONAL

**2019**

- 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 TECHNOLOGY LTD TECHNICAL SPECIALIST**

i.PAC  
MANUFACTURING  
CASEM (ASIA)  
AMS MICRON

**2016 – 2018**

- 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

### **DIPLOMA IN MECHATRONICS AND ROBOTICS**

## ACHIEVEMENTS

<b>2023</b>	COVID-19 Resilience Medal: Ministry of Health (No. 26244) <ul style="list-style-type: none"><li>• <a href="https://www.egazette.com.sg/pdf.aspx?ct=gg&amp;yr=2023&amp;filename=23gg1402.pdf">https://www.egazette.com.sg/pdf.aspx?ct=gg&amp;yr=2023&amp;filename=23gg1402.pdf</a></li></ul>
<b>2022</b>	DATA ANALYTICS FOR EVERYONE: DESCRIPTIVE ANALYTICS <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/d1d7fe0e-e46c-4679-9007-51e7d05c4767">https://www.credential.net/d1d7fe0e-e46c-4679-9007-51e7d05c4767</a></li></ul> DATA ANALYTICS FOR EVERYONE: PREDICTIVE ANALYTICS <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/32401dbe-c4c1-42df-9fa2-9ada6c196acc">https://www.credential.net/32401dbe-c4c1-42df-9fa2-9ada6c196acc</a></li></ul> AI FOR EVERYONE: AI4E <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/f22d58dc-4d20-4b22-93eb-87cb737f3ed1">https://www.credential.net/f22d58dc-4d20-4b22-93eb-87cb737f3ed1</a></li></ul> TAGUI: BEGINNERS COURSE <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/41ef2abd-548b-4e65-a66a-ffb1ff134653">https://www.credential.net/41ef2abd-548b-4e65-a66a-ffb1ff134653</a></li></ul>
<b>2021</b>	EGGPLANT FUNCTIONAL LEVEL 1 - EXPERT <ul style="list-style-type: none"><li>• <a href="https://certificates.easy-lms.com/exam/session/dc6ba612-56ee-42d3-b1b7-31d1b35d40fc">https://certificates.easy-lms.com/exam/session/dc6ba612-56ee-42d3-b1b7-31d1b35d40fc</a></li></ul> KEYSIGHT: COUNTERFEIT AWARENESS
<b>2020</b>	AI FROM THE DATA CENTER TO THE EDGE – AN OPTIMIZED PATH USING INTEL® ARCHITECTURE <ul style="list-style-type: none"><li>• <a href="https://www.youracclaim.com/badges/e712c792-21cf-4316-b3b0-58a97c09b834">https://www.youracclaim.com/badges/e712c792-21cf-4316-b3b0-58a97c09b834</a></li></ul> AI FOR EVERYONE: THEORY <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/3201edbd-4a71-4fd1-9e31-7e75f2ec165c">https://www.credential.net/3201edbd-4a71-4fd1-9e31-7e75f2ec165c</a></li></ul> AI FOR INDUSTRY: FOUNDATIONS IN AI <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/88f0a40e-2c80-4ef6-b541-ee6995f919d4">https://www.credential.net/88f0a40e-2c80-4ef6-b541-ee6995f919d4</a></li></ul> AI FOR INDUSTRY: LITERACY IN AI <ul style="list-style-type: none"><li>• <a href="https://www.credential.net/80cda141-de3e-4130-93de-23feaa329a23">https://www.credential.net/80cda141-de3e-4130-93de-23feaa329a23</a></li></ul> HPB: INFECTION PREVENTION AND CONTROL FOR HEALTH CARE SUPPORT <ul style="list-style-type: none"><li>• <a href="https://be.gnowbe.com/8bzez">https://be.gnowbe.com/8bzez</a></li></ul>
<b>2016</b>	BUSINESS ETHICS FOUNDATION: CERTIFICATE OF COMPETENCY
<b>2014</b>	DISTINCTION FOR INDUSTRY TRAINING PROGRAM
<b>2006 / 2005</b>	OUTWARD BOUND: BRUNEI / SINGAPORE
<b>2005 / 2003</b>	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

<b>ROBOTICS</b>	Programming, Artificial Intelligence, Big Data, Fabrication, Assembly and Testing.
<b>IT &amp; NETWORKING</b>	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.
<b>3D DESIGN</b>	Mechanical and Electrical 3D Solids Design.
<b>MULTIMEDIA</b>	Mixing Music, Making Videos and Special Effects.
<b>GAMING</b>	Making Mods and Finding Exploits.
<b>SPORTS</b>	Cycling, Stunts and Long Distances.
<b>OTHERS</b>	Enjoy coming up with new ideas to improve life (think-tank style).

## REFERENCES

<b>KELLIN ER</b>	(65) 9009 9649 <ul style="list-style-type: none"><li>• <a href="http://www.linkedin.com/in/kellin-er">www.linkedin.com/in/kellin-er</a></li></ul>
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## AVAILABILITY

NOTICE PERIOD **1 MONTH**

