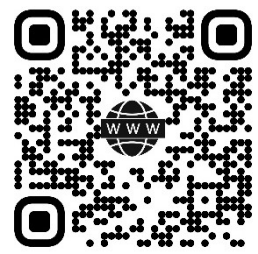


JAZEREEL LYDIA GOH REIKO



(65) 9672 3481 – reiko@reikolydia.sg – www.reikolydia.sg

Mechatronics trained engineer with a track record of architecting custom automation solutions across high-compliance banking and industrial environments. I specialize in identifying systemic bottlenecks and replacing manual friction with custom developed Python and VBA automation tools to scale engineering productivity. Additionally, I possess deep hands-on experience in managing high-availability virtualized environments using Proxmox and Docker.

Languages	Python (Flask, Kivy, Rich, NLTK), SQL (HIVE), VBA, Bash, PowerShell, Batch, Java, C#, C++, SenseTalk, HTML
Automation & Testing	Selenium, jBehave (BDD), Digital.ai (SeeTest), Eggplant Functional, ADB, Postman
Infrastructure	Proxmox VE, Docker, NGINX Reverse Proxy, Cloudflare Zero Trust, 10Gbps Fibre SFP+ Networking
Systems Integration	Mechatronics & Robotics, IoT Protocols (ZigBee, Home Assistant), Cryptographic Payload Implementation (DES3)

EXPERIENCE

DBS SINGAPORE TEST ANALYST (MANUAL / AUTOMATION)

*MANPOWER STAFFING
SERVICES (SG)*

2023 – Present

- **Engineered an automated QA ecosystem** by reverse-engineering TWQR specs and migrating a legacy **VBA** tool into a dual-mode (**CLI/TUI/GUI**) **Python (Kivy/DES3)** generator; integrated native PowerShell REST API validation loops that detected critical defects months ahead of schedule, while deploying cross-platform **BDD (jBehave/Digital.ai)** test suites for retail banking applications across SG, TW, and HK.

SIEMENS SG

ANOTECH ENERGY

2022

METRICS VALIDATOR / SOFTWARE TEST ENGINEER

- **Engineered automated data validation pipelines** using **Python, Hive SQL, and NLP (NLTK)** to audit, sanitize, and verify complex Business Intelligence logic for mass-transit telemetry datasets within the LTA-ST Engineering **REAMS** project.

OCBC BANK SG

COMTEL SOLUTIONS

2020 – 2021

TEST ANALYST

- **Automated cross-platform mobile test workflows** and internal environments via custom scripting; validated high-compliance digital banking rollouts, including Equities trading engines and localized **EMVCo-compliant SGQR payment systems**.

COVID-19 SUPPORT

*HEALTH PROMOTION
BOARD*

2020

HPB SWABBER / HEALTHCARE ASSISTANT

- **Awarded the national COVID-19 Resilience Medal** for executing high-risk frontline operations and auditing high-integrity data entry within the national health database under global crisis conditions.

RAZER SG

*BEYONDSOFT
INTERNATIONAL*

2018 – 2019

TEAM LEADER

- **Managed a 30-member cross-functional QA team** across complex hardware/software UAT lifecycles; developed **AutoHotkey and VBA automation** logic to eliminate repetitive logging and feed critical telemetry diagnostics back to design engineers.

SINGAPORE POLYTECHNIC

DIPLOMA IN MECHATRONICS AND ROBOTICS

REFERENCES

KELLIN ER

(65) 9009 9649

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AVAILABILITY

NOTICE PERIOD 1 MONTH

