

# Haziq Asyraaf

## ASSOCIATE

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### Summary

CEH-certified IT professional transitioning into network and security engineering, combining analytics, automation, and operations experience.

Builds secure, data-driven solutions: Power BI dashboards for 15k+ firms, FormSG workflow automation, UiPath bots, Python data pipelines.

Hands-on with network monitoring/troubleshooting from Police Coast Guard service; actively developing CCNA-level routing/switching labs.

Known for cross-agency collaboration, disciplined execution, and continuous upskilling (Azure Security, cloud platforms, automation).

### Core Skills

Networking & Security: Routing & switching labs (OSPF, VLANs), network monitoring, access control, CEH methodologies, Azure security fundamentals (in progress).

Analytics & Automation: Power BI (Power Query/M), DAX, SQL, Tableau, Python, UiPath, Excel modeling.

Cloud & DevOps: Azure, AWS, Google Cloud (learning), Docker (learning), Git/GitHub/GitLab.

Programming & Scripting: Python, SQL, Java, C#, VB.NET, JavaScript, HTML/CSS.

Tools & Platforms: FormSG, Postman, UiPath Orchestrator, Oracle DB, VMware/VirtualBox.

### Certifications

EC-Council Certified Ethical Hacker (CEH) - SkillsFuture Singapore (2024).

Google Cybersecurity Professional Certificate (2024).

Power BI Beginner to Pro Workshop - Pragmatic Works (2023).

CCNA (Cisco 200-301) - In progress.

Azure Security Engineer Associate (AZ-500) - Coursework in progress.

### Professional Experience

**Executive, Data Analyst · Building and Construction Authority (BCA), Singapore**

#### **Manpower Strategy & Planning Group · Nov 2024 – Present**

Deliver agency-wide workforce analytics; built Power BI dashboards (Power Query, DAX, SQL) enabling firm-level and sector-wide insights.

Administer FormSG survey workflows end-to-end—design forms, govern access, and automate email distribution with Postman.

Clean and transform large survey datasets, surfacing trends for economists and cross-agency taskforces (CAW regulations, SkillsFuture Singapore).

Publish secure dashboards in Power BI Service (Pro) to share with regulatory partners while meeting data governance controls.

Provide hotline support, train stakeholders, and ensure smooth rollouts of survey and dashboard initiatives.

**UAT Tester (Contract) · Central Provident Fund Board (CPFB), Singapore**

#### **Retirement and Health Study Office · Jun 2024 – Sep 2024**

Authored end-to-end test plans for new survey releases; validated CAPI workflows, stress-tested data capture, and resolved defects with vendors.

Created UiPath automations to accelerate repetitive test steps and reporting.

Coordinated with data analysts and survey operations to align testing outcomes with field requirements.

**Radar Operator Officer - Singapore Police Force (Police Coast Guard)**

**Coastal Patrol Squadron - Aug 2020 – Dec 2022**

Operated radar surveillance systems, tracked maritime traffic in real time, and escalated incidents requiring interception.

Maintained radar equipment readiness and collaborated with patrol units to enforce maritime security.

**Information Technology Officer - Ministry of Manpower (MOM), Singapore**

**Info Systems & Technology Department - Feb 2020 – Jul 2020**

Delivered IT "clinic" sessions to gather automation requirements, translating them into UiPath solutions.

Recognized with a formal testimonial for reliability and impact.

**RPA Developer - GovTech (seconded to MOM)**

**Jul 2019 – Feb 2020**

Built UiPath automations (e.g., SG Work Pass data migration, batch job scripts) used by service centre teams; produced training videos for non-IT staff.

Managed UiPath licensing, performed UAT, and provided post-implementation support across multiple departments.

Contributed to blockchain-related initiatives by scripting data-handling automations.

Earned a testimonial for outstanding service.

**Desktop Support Engineer - NCS Pte Ltd (seconded to MinLaw & Ministry of Finance)**

**May 2016 – Dec 2016**

Delivered onsite support, application troubleshooting, and inventory management; received recognition for top performance.

Assisted with network troubleshooting and end-user education.

**Education**

Temasek Polytechnic – Diploma in Information Technology · 2017 – 2020. Focus: software development, network technologies, secure coding, data analytics, cloud computing.

ITE College East – Nitec in Info-Communications Technology (Cloud Computing) · 2015 – 2016. Coursework: IT & network essentials, virtualization, cloud infrastructure operations.

**Projects**

Self-Hosted RPA Platform (2020–2024): UiPath bots aggregating e-commerce data, exporting results to Excel, and emailing stakeholders via custom UI.

Network Engineering Labs: Documented OSPF single-area and multi-area topologies (Python automation checks in progress) – see GitHub portfolio.

Power BI Workforce Dashboards: Secure multi-agency dashboards with data-driven workforce insights for 15k+ CRS firms.

**Additional Training**

100 Days of Code: Python Pro Bootcamp.

PL-300: Microsoft Power BI Data Analyst – Practice Exams.

Complete Ethical Hacker Certification Prep.

C++ Masterclass.

**Achievements**

Testimonials from ITE lecturer, GovTech supervisor, and BCA leadership.

CDC & CCC ITE Scholarship; Certificates of Excellence at NCS.

International Specialists' Community Action & Leadership Exchange participant.

Joint ITE–Oracle Certificate in Essentials of Java Programming.

## References

Available upon request.