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Summary

CEH-certified IT professional moving into network and security engineering. I pair hands-on analytics and automation work—Power BI dashboards for regulatory stakeholders, FormSG workflow administration, UiPath projects—with ongoing lab development for CCNA-level networking and Azure security. Known for picking up new platforms quickly, documenting processes clearly, and driving continuous improvement through self-directed study.

Experience

Executive, Data Analyst | Building Construction Authority (BCA)

Manpower Strategy & Planning Group, Manpower Planning Department

Nov 2024 – Present

- Deliver agency-wide workforce analytics; built Power BI dashboards (Power Query/M, DAX) enabling firm-level and sector-wide insights.
- Administer FormSG survey workflows end-to-end—manage access, update forms, and coordinate email distributions with Postman.
- Clean and transform survey datasets, surfacing trends for cross-agency taskforces (CAW regulations, SkillsFuture).
- Publish secure dashboards in Power BI Service (Pro) for regulatory partners while meeting data governance controls.
- Provide hotline support, share insights, and ensure smooth rollouts of survey and dashboard initiatives.

UAT Tester | Central Provident Fund Board (CPFB)

Retirement and Health Study Office

June 2024 – Sept 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 (SPF) (National Service)

Police Coast Guard, Coastal Patrol Squadron

Aug 2020 – Dec 2022

- Operated maritime radar surveillance systems 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)

Information Systems & Technology Department

Feb 2020 – July 2020

- Delivered IT “clinic” sessions to gather automation requirements, translating them into UiPath solutions.
- Recognized with a formal testimonial for reliability and impact.

Software Engineer | Government Technology Agency (GovTech) (Seconded to Ministry of Manpower)

Information Systems & Technology Department

July 2019 – Feb 2020

- Built UiPath automations on RPA (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 Ministry of Law & Ministry of Finance)

Information Technology Department

May 2016 – Dec 2016

- Delivered onsite support, application troubleshooting, and inventory management; received recognition for top performance.
- Assisted with network troubleshooting and end-user assistance.

Education

Temasek Polytechnic, Diploma in Information Technology

2017 - 2020

Institute of Technical Education (East), Nitec in Info-Communications Technology (Cloud Computing) 2015 - 2016

Core Skills

- Networking & Security: Network fundamentals, switching/routing lab practice, access control, vulnerability assessment and incident response concepts aligned to CEH.
- Data Analytics & Automation: Power BI (Power Query/M, DAX), Tableau, Excel analytics, UiPath RPA, data cleansing for surveys, FormSG workflow administration.
- Cloud & Platforms: Power BI Service cloud publishing and governance, Azure fundamentals, Microsoft 365, virtualization with VMware and VirtualBox.
- Programming & Scripting: Python for automation basics, SQL, Java, C#, VB.NET, JavaScript, HTML/CSS.
- Collaboration & Tooling: Postman, Git/GitHub, stakeholder reporting, documentation, service desk support.

Additional Training & Learning Roadmap

- 100 Days of Code: Python Pro Bootcamp (in progress; labs to be published upon completion)
- Complete Ethical Hacker Certification Prep Course

Certifications

- EC-Council Certified Ethical Hacker (CEH) — NTUC LearningHub, Aug 2025 · ID: 202500080048
- PL-300: Microsoft Power BI Data Analyst (2025)
- Google Cybersecurity Professional Certificate (2025)
- Power BI Beginner to Pro Workshop – Pragmatic Works (2024)
- C++ Masterclass (2024)
- CCNA (Cisco 200-301) – In progress
- Azure Security Engineer Associate (AZ-500) – Coursework in progress

Achievements

- Testimonials from ITE lecturer, GovTech supervisor, and BCA leadership
- International Specialists' Community Action & Leadership Exchange
- CDC & CCC ITE Scholarship
- Certificates of Recognition and Excellence at NCS Pte Ltd
- Joint ITE-Oracle Certificate in Essentials of Java Programming

Projects & Experience Highlights (published via Github)

- Power BI Workforce Dashboards: Secure multi-agency dashboards providing workforce insights for CRS firms.
- FormSG Automation: End-to-end survey automation with Postman-triggered email workflow data cleansing.
- Self-Hosted RPA Platform: UiPath bots aggregating e-commerce datasets, exporting analytics to Excel, and emailing stakeholders via custom UI.
- Network Engineering Labs: Documented OSPF topologies with validation outputs; automation checks in Python.
- SkillsFuture CEH Bootcamp: Executed recon-to-persistence labs.
- Built ceh-pages: a fast, tabbed CEH study site on GitHub Pages using HTML/CSS/JS with theme presets, bookmark highlights, and responsive UI for live interview demos.

Reference

Available upon request