RAIS ADLI

Cybersecurity Student

Contact

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Digital Portfolio
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Education

Nanyang Polytechnic
Diploma in Cybersecurity and Digital Forensics
2023 - Present

Nanyang Polytechnic
Polytechnic Foundation Programme
2023 - 2024

Bukit Panjang Government High School
GCE N and O Level Certificate
2019 - 2022

Skills

- HTML CSS
- Python
- Figma
- Flask
- MySQL
- Vercel
- FTKImager
- Git/Github
- Docker
- DevOps
- Cisco Packet Tracer

About

Driven by curiosity and continuous improvement, I thrive on learning and discovering new ways to create value. I am passionate about optimizing systems, automating processes, and using AI to unlock smarter and more efficient solutions. Challenges fuel my creativity — I see them as opportunities to innovate and push limits. With strong analytical thinking and a forward-looking mindset, I aim to contribute impactful ideas and consistently deliver improved outcomes in every project I take on.

Projects

2025 Oct - Present

DBNYP - Loan Application and Processing System

Year 2 Information Security Project

- Built automated data classification system with loan application forms (Flask-WTF), PII detection engine (regex), and RESTful APIs that drive encryption, MFA, and audit decisions across three integrated subsystems.
- Expanded cybersecurity expertise beyond coursework, fostering self-directed learning while refining collaborative coding standards in a team environment
- Leveraging self-directed learning to implement advanced security features, successfully bridging the gap between academic theory and industry-standard application

2025 May - 2025 August

Elderlink- Social Sustainability Flask Application

Year 2 Application Security Project

- Engineered a secure User & Admin Management system using Python Flask and SQL, implementing Role-Based Access Control (RBAC) and session management to ensure strict authorization and prevent unauthorized parallel access.
- Fortified authentication workflows by integrating Multi-Factor Authentication (2FA) with OTP expiry, TLS-secured email verification, and a robust Password Policy to mitigate phishing, credential stuffing, and account impersonation.
- Implemented OWASP Top 10 defensive controls, including Rate Limiting to block automated brute-force attacks, input validation to prevent injection, and secure password hashing to protect sensitive user data for vulnerable populations.

Certificates

- Cloud Computing Fundamentals (IBM)
- Introduction to Generative AI (Google)
- Cybersecurity Fundamentals (IBM)
- Food Safety and Hygiene-1 (NYP)

Self-Learning

- AWS Cloud Solutions Architect
- Certified Ethical Hacker (CEH)

CCA

- Polytechnic Foundation Program Club (PFP Club)
- Photography Club (PC)
- Technopreneurship Club

Language

- English
- Malay (Basic)

Projects

2025 April

Automated Expense Tracker with IOS Shortcut

Personal Mini Project

- Built an automated tracker via Apple Shortcuts and Google Apps Script. Captures transaction details and instantly logs them to Google Sheets with auto-formatting and daily calculation features
- Learnt cross-platform API integration and JSON handling. Enhanced troubleshooting skills through iterative testing, focusing on reliable data transmission and conditional logic for automated reporting.
- Roadmap includes category-based budgeting, monthly reports, and better UI. Future updates will integrate receipt capture and a comprehensive analytics dashboard for visualizing financial trends

Work Experience

2024 Dec - Present

Muji Singapore PTE LTD

Retail Assistant - Part Time

- Deliver exceptional customer service by actively assisting customers with product selection and providing clear, detailed information to enhance their shopping experience.
- Ensure smooth and accurate transactions using POS systems, maintaining speed and efficiency during high-traffic periods.
- Demonstrate effective conflict-resolution skills by addressing customer inquiries and concerns with patience and professionalism, fostering positive relationships.
- Identify and implement opportunities to automate outdated processes, improving workflow efficiency and overall operational performance.

SEP 2023 - NOV 2024

Cathay Cineplex

Theatre Executive - Part Time

- Delivered high-quality customer service by efficiently serving food and beverages and assisting customers with movie ticket purchases.
- Adapted quickly to a fast-paced, team-oriented environment, contributing to smooth and efficient service during high-volume periods.
- Addressed and resolved customer complaints, including incorrect ticket or food purchases, to ensure a positive overall experience.
- Strengthened critical thinking and problem-solving skills by managing large crowds and optimizing service delivery.