Nguyen Minh Quan

Ho Chi Minh City • Vietnam • programmerquannguyen@gmail.com • 0905 47 2003 • PORTFOLIO

Certifications / Proofs of Knowledge

- ISC2 Certified Information Systems Security Professional   November 2025
    - Course Completion (delivered by official certified ISC2 - CISSP trainning)
- ISC2 Certified in Cybersecurity (ISC2 CC) – Official Certificate   June 2025
- CompTIA Security+ (SY0-701) – Course Completion & Practice Test Result   July 2024
- Microsoft Security Fundamentals (SC-900) – Course Completion & Practice Test Result   July 2024

Working Experience

June 2024 – In Present   **Security Architect - Team Member (Junior Level)**
National Australia Bank Innovation Centre - Vietnam

- Delivered high-impact security projects and initiatives (under *Business, Private & Digital Banking division*):
    - Work in security assessments for Enterprise Security Gateway migration. Achieved 100% risk identification with complete treatment plans, contributing improvement to Tech Modernization Score (TMS).
    - Managed year-end (2025) deferrals/exemptions for core assets of division. Maintained green status on security compliance dashboard for all of customer-exposed assets.
- Performed security due diligence for infrastructure (AWS, Azure, on-premises) leveraging the STRIDE framework. Ensure compliance across ISO 27001, NIST CSF, APRA CPS 230/234, and PCI-DSS requirements under NAB Group Information Risk Policy policies and procedures:
    - Conducted cloud service (SaaS) risk assessments for onboarding/renewals contracts.
    - Security assessment for identifying and retiring obsolete assets, directly improving the division's Tech Modernization Score (TMS) and eliminating legacy vulnerability vectors.
    - Evaluated technical risk exception requests for critical assets, assessing the validity of compensatory controls and defining remediation timelines to minimize exposure for assets.
    - Design architected secure integration patterns for internal applications and third-party vendors, ensuring strict adherence to enterprise security baselines and data privacy standards.
    - Provided security guidance for ad-hoc requests/projects/initiatives to ensure NAB standards compliance.
- Conducted technical knowlegde-sharing workshops for peers and new interns in the Security Group to align with strategies at NAB.

Nov 2023 – May 2024   **Infrastructure Technical Support Engineer**
ItechWX Limited Company - Vietnam

- Provided technical support to Microsoft enterprise customers (S100, S300) for Microsoft System Center Suite deployments, including Orchestrator, Configuration Manager, and Operations Manager in large-scale IT environments.
- Deployed and maintained Windows Server 2016, domain-connected PCs, and Kerberos V5 authentication.
- Optimized data management processes using SQL Server and SSRS for automated reporting and ETL operations.
- Administered on-premises Active Directory environments (Windows/Linux) and managed Azure cloud services (VMs, SCOM) through PowerShell automation scripts.
- Achieved performance metrics with > 90% SLA ticket completion rate for branch queues and maintain 5/5 ticket feedback rating from Vietnam Microsoft System Center team.

Mar 2023 – July 2023   **Software Engineering Intern**
EyeQ Tech - Vietnam

- Developed a Windows application emulating hotel check-in (C#, .NET 6.0, MVVM) using internal APIs.
- Enhanced a UWP kiosk app with .NET 4.7.2 to improve hotel management features.
- Built a backend for a mini-PMS with NestJS and MongoDB, streamlining logic and data handling.

School Experience

Feb 2024 – Sep 2024

AI Consultant, Researcher
De Heus Myanmar

- Contributed to 7-months AI adoption roadmap for De Heus. Designed 6-phase implementation strategy integrating machine learning into broiler farming operations
- Developed predictive model achieving 99.57% accuracy — Built and comparaed many algorithm to forecast broiler weight using environmental and feed data.
- Created interactive web dashboard using Streamlit application with real-time predictions and data visualization for agricultural decision-making.
- **Result**: Delivered a four-year detail roadmap for De Heus Myanmar with suggested of 15% reduction in broiler deaths through improved environmental monitoring and control systems.

Education

Royal Melbourne Institute of Technology Vietnam

Bachelor of Information Technology – Artificial Intelligence - GPA: 3.6 / 4.0

Leadership and Activities

Young Leader for Vietnam (organized by McKinsey & Co.)   Oct 2025

VP Bank Technology Hackathon Finale (in collaboration with AWS)   July 2025

- Architect the cloud-native AI solution using AWS services with dual-engine processing, Vietnamese NLP, and banking-grade security, delivered solo in 4 days.
- **Achievement:** 98% accuracy in risk classification and 87.3% transaction pattern detection with sub-300ms response times, reducing manual review time by 90% and delivering projected annual savings of $28K-48K per compliance officer.
- **Technologies:** AWS (Bedrock, SageMaker, RDS, EventBridge, Cognito, WAF), Python, Docker, Neo4J, LightGBM, XGBoost, MySQL, Vietnamese NLP

Mentor for RMIT Emerging Leaders Project 2024   Nov 2024

- Guide and support participants to build up a prototype. Focused on sustainability using the UN-SDG framework. Provide deep-dive technical and secrity support for participants to finish their proposal.
- **Achievement**: "Best Mentor" by participant vote and consulting sessions throughout the program.

Honor Industry Award for Capstone Project   Sep 2024

Guest Speaker at RMIT Technology Club   Oct 2023

- Provided mentorship for SSET students in academic success strategies. Helped peers on course structure, study techniques, and maintaining strong GPA while balancing university life.

Top 25 of RMIT Accessibility Design Contest   Oct 2023

Referee(s)

Can be shared upon request