Billy Aung Myint

AI-ready Infrastructure Lead · Cloud, DevOps & Data · Singapore

Billy@BillyAungMyint.com LinkedIn GitHub Docker Hub Hugging Face Singapore Permanent Resident

PROFILE

Infrastructure lead with 20+ years in IT, including 9+ years in banking & finance and current work in LPG shipping. Combines deep Windows/Linux, Azure/M365 and database administration with a modern AI and DevOps toolkit: building and containerising internal tools with Python, FastAPI and Docker on Linux. Backed by postgraduate training in data science and AI.

CURRENT TECH STACK

OS	LANGUAGE	CONTAINERS	WEB / APIS
Linux	Python	Docker	FastAPI

CORE SKILLS

Microsoft Azure · Microsoft 365 · Exchange Online · Active Directory · Power BI · MS SQL Server · Oracle DBA · Oracle WebLogic · VMware vSphere · Bash · ETL / Data Warehouse · Information Security · Change Mgmt / UAT · DR & Audit · Vendor Mgmt

EDUCATION

Specialist Diploma in Data Science (AI)
Singapore Polytechnic · 2024–2025

FlexiMasters, Business & Financial Analytics
NTU · 2022–2023

Python for Analytics
NUS · 2021–2022

Bachelor of IT (Software Dev & SQL)
University of Newcastle (PSB) · 2011–2013

Diploma in Information Technology
Ngee Ann Polytechnic · 2002–2005

CERTIFICATIONS

- Oracle 11g Administrator Certified Associate · Oracle SQL Expert
- SAS Certified Base Programmer · VMware VCA-DCV
- MCSA · CCNA · LPIC-1 · CompTIA Security+

Full list of certificates on LinkedIn →

EXPERIENCE

IT Systems Administrator — BW Epic Kosan
Dec 2023 – Present

Global owner/operator of LPG, petrochemical & ammonia-capable gas carriers

- Built and containerised an internal audit application (Python, FastAPI, Docker).
- Administer Microsoft Azure, M365, Exchange Online, Active Directory and SQL Server for all BWEK offices and vessels.
- Support business-critical platforms: ShipNet One, Oracle NetSuite, EyeShare, Prophix, IMOS, Diabos, Power BI, vessel PMS and crew systems.
- Run information-security standards — endpoint, DNS security, MFA — across workstations and networks.
- Manage communications (data networks, telephony, ship satellite links), meeting-room systems, helpdesk and vendors.

Assistant Manager, IT — Sing Investments & Finance
Feb 2014 – Dec 2023

SGX-listed finance company

- Led setup of Infosys Finacle core banking (Solaris, WebLogic, Oracle 12c), replacing AS400/FIMIS; owned EOD processing and user audit.
- Built and documented loan-application site (Oracle/WebLogic) and JBoss document-management system.
- Administered Oracle (RMAN backup/restore, security), SQL Server data warehouse & ETL, SAP BusinessObjects universe.
- Managed VMware, AD, IIS, Apache, Tomcat; patching and vulnerability analysis on Windows/Linux.
- Automated file transfers, reports and web tasks with Python, Selenium, Bash, Cron and Task Scheduler.
- Drove UAT, test cases, SVN-based change management and end-user training.

Solutions Consultant — Alpsoft Technologies
Oct 2012 – Feb 2014

Systems integrator & software reseller

- Consulted and trained clients on Atempo backup, VMware and Active Directory; pre/post-sales documentation.
- Ran company infrastructure: firewall, switches/routers, mail, SharePoint, Linux/Solaris and cloud servers.
- Planned and executed office and data-centre server relocations with Singtel.

MIS Officer — Amtek Precision Engineering
Apr 2011 – Oct 2012

- Supported hardware, Windows, MS Office, SAP client and AutoCAD for the Singapore office.

Earlier roles
2005 – 2011

- IT Technician, Servlink Technology Resources (2010–2011)
- Junior IT Engineer, Resolvo Systems (2005–2006)

RECENT COURSES

AI & Generative AI

- AI Agents & Agentic AI with Python & GenAI – Coursera
- AI Agents: Complete Beginner's Guide – Coursera
- Applied Generative AI Skills for Finance Teams – Singapore Polytechnic
- Google AI Essentials – Coursera
- Introduction to GitHub Copilot – Coursera
- Discover the Art of Prompting – Coursera

Containers & DevOps

- Docker for AI/ML – Coursera
- Docker Fundamentals: Containers & Images – Coursera
- Docker for Beginners (Hands-on Labs) – KodeKloud
- Kubernetes for Absolute Beginners – KodeKloud
- Git for Beginners – KodeKloud
- Introduction to Python for DevOps – Coursera

Python

- PCAP – Python Certification Course – KodeKloud
- Python Basics – KodeKloud
- Crash Course on Python – Coursera
- OOP with Python for Beginners – Udemy