

YE NAING MYAT (WILHELM)

Phuket, Thailand | +66 82 768 6687 (Line, WhatsApp) | wilhelmmyat@hotmail.com

Languages: English (Full Professional Proficiency) | Mandarin Chinese (Full Professional Proficiency) | Burmese (Native)

PROFESSIONAL SUMMARY

Versatile technology professional with 9+ years of experience in optical transport network engineering and a growing specialization in full-stack and agentic software development. Currently a Software Engineer at Sagasia Consulting, designing and maintaining corporate and PR websites with PHP (Laravel), JavaScript/TypeScript, Node.js, and MySQL, building on a strong foundation from 9+ years at Huawei Technologies specializing in Huawei DWDM/OTN network design, deployment, and incident management. Pursuing a BEng (Hons) in Software Engineering (2026), backed by Agentic Software Developer and Full Stack Developer certifications, with hands-on project delivery spanning both network infrastructure and modern, AI-augmented web development. Demonstrated track record of major incident recovery across national-scale network outages, cross-functional stakeholder and vendor management, and bilingual professional communication in English and Mandarin Chinese. Combines deep infrastructure and network engineering expertise with modern software development skills to deliver reliable, well-engineered systems end to end.

EDUCATION

BEng (Hons) Software Engineering

University of Greater Manchester — 2026

LEVEL-5 IVQ Advanced Technician, Diploma in Electrical and Electronic Engineering

City & Guilds (UK) — 2012 – 2013

LEVEL-3 IVQ Technician, Diploma in Electrical and Electronic Engineering

City & Guilds (UK) — 2011 – 2012

Bachelor of Physics

Yangon University, Myanmar — 2006 – 2009

TECHNICAL SKILLS

Programming: PHP (Laravel), JavaScript / TypeScript, Node.js, HTML5/CSS3, Bootstrap, RESTful API Integration, Responsive Web Design

Databases: Relational Databases (MySQL Fundamentals)

Domain Knowledge: OTN Network Design, Network Risk Management, Routine Maintenance

Tools & Systems: Git, GitHub, Web Hosting & Deployment, Microsoft Office, Troubleshooting

Soft Skills: Project Lifecycle Management, Customer Liaison

PROFESSIONAL EXPERIENCE

Sagasia Consulting Co., Ltd (Hong Kong)

February 2026 – Current

Software Engineer

- **Web Development:** Design, develop, and maintain the company's corporate and PR websites using PHP (Laravel), JavaScript, HTML5/CSS3, and Bootstrap, delivering responsive, cross-browser compatible interfaces.
- **Full-Stack Implementation:** Build front-end UI components and back-end application logic, integrating MySQL databases and RESTful APIs to power dynamic, content-driven web pages.
- **Site Maintenance & Optimization:** Perform ongoing bug fixes, security updates, and performance tuning across company and PR websites to ensure uptime, fast load times, and reliability.
- **Internal Automation:** Design and maintain internal automation workflows and scripts that streamline company operations and reduce manual administrative overhead.
- **Version Control & Collaboration:** Use Git for source control and branching, coordinating with PR and marketing stakeholders to translate content and branding requirements into functional web features.

DWDM Network Engineer — Maintenance Third Level Customer Support Project

- **OTN Technical Expertise:** 3+ years specializing in Huawei Optix OSN (6800-9800) platforms. Experienced in ROADM, FOADM, OLA, and coherent optics technologies.
- **Deployment & Configuration:** Proven experience in full-lifecycle network design (HLD/LLD), equipment commissioning, and deployment of complex links. Adept at performing global software upgrades (NE/NCE).
- **Operations & Availability:** Skilled in network health checks, proactive troubleshooting, and incident management (RCA). Developed monthly disaster recovery drill plans and contingency strategies to ensure network stability and service continuity.
- **Automation & Optimization:** Experienced in improving network efficiency through NCE, service migrations, and transitioning legacy architectures to high-capacity ROADM setups.
- **Cross-Domain Collaboration:** Strong in collaborating with IP Core and FTTX teams to analyze end-to-end service flows and evaluate traffic utilization.

Major Incident Recovery Achievements

- Fire Incident – Yangon Capital Core Site Outage Recovery (2023)
- Typhoon Rakhine Region (Sittwe City Core Site Down in 2023)
- Flooding Bago Region (Bago City Core Site Down in 2023)
- Earthquake Mandalay Region (Mandalay City Core Site Down in 2025)

Fixed Network Engineer — PSTN Renewal Project Phase 1, Phase 2, Phase 3

- **Network Design & Engineering:** Authored comprehensive HLD, LLD, and TSSR reports for large-scale PSTN and Outside Plant (OSP) projects, ensuring proper alignment of fiber and copper infrastructure.
- **Project Governance:** Managed full project lifecycles including procurement (PR/PO), subcontractor supervision, and final handover documentation to guarantee 100% adherence to quality standards.
- **Vendor & Team Leadership:** Provided on-site technical leadership and supervised subcontractors to mitigate risks and ensure milestone delivery within strict project timelines.
- **Commercial & Operational Management:** Orchestrated revenue calculations and BOQ verifications, maintaining fiscal accuracy and project profitability through data-driven reporting.
- **Stakeholder Management:** Served as a primary technical consultant to customers, facilitating high-level decision-making and fostering long-term professional relationships.

CERTIFICATIONS

- Agentic Software Developer Course (2026)
- Full Stack Developer Course (2025)
- Cisco Certificate Enterprise Core (2024)
- Python Programming (2021)
- AutoCAD 2D (2016)
- Hardware Engineering (2014)
- Applied Electronic (2011)
- C++ Programming (2009)

LANGUAGES

- English (Full Professional Proficiency)
- Mandarin Chinese (Full Professional Proficiency)
- Burmese (Native)