Contact

+65 9781 1037 (Work)
phangshiuhyaw@gmail.com

www.linkedin.com/in/psyaw
(LinkedIn)

Top Skills

Product Demonstration
Problem Solving
Customer Experience Management

Languages

Bahasa Malaysia (Limited Working)
English (Native or Bilingual)
Mandarin (Native or Bilingual)

Certifications

Python for Data Science and
Machine Leaning Bootcamp

Ethereum and Solidity: The
Complete Developer's Guide

Yaw P

Leading Solutions Engineering
Singapore, Singapore

Summary

Principal Solutions Engineer specializing in digital assets and payments, with extensive experience supporting tier-1 crypto exchanges and financial institutions across APAC. I work at the intersection of architecture, security, and client strategy. Helping organizations scale fiat, stablecoin, and settlement solutions in regulated environments.

I bring a consultative, client-first approach to technical leadership, translating complex requirements into clear architectures and compelling executive narratives that drive adoption and long-term trust.

Experience

Checkout.com

5 years 6 months

Director, Solutions Engineering
March 2023 - August 2025 (2 years 6 months)
Singapore

• Led complex, high-value payment and digital asset engagements for tier-1 merchants, including global crypto exchanges processing $30B+ monthly volume.
• Acted as principal technical advisor during discovery and solution design, translating client trading, settlement, and risk requirements into scalable payment architectures.
• Designed and delivered custom fiat and stablecoin payment solutions, integrating with exchange payout models and high-throughput transaction systems.
• Reduced end-to-end solution delivery timelines from ~1 month to ~2 weeks by standardizing reference architectures and aligning internal product, risk, and client engineering teams.

• Partnered with internal product, compliance, and external vendors to deploy resilient, production-grade payment APIs with continuous post-launch optimization.
• Established monitoring and transaction analytics frameworks to improve payment reliability, performance, and operational transparency.

Director, Implementation Engineering
September 2021 - March 2023 (1 year 7 months)
Singapore

• Owned implementation strategy across APAC (China, Hong Kong, Singapore, Australia)
• Led and mentored a regional team of implementation and sales engineers, serving as escalation point for complex or high-risk integrations.
• Supported pre-sales solutioning, POCs, and executive technical presentations for enterprise merchants, including crypto platforms and fintechs.
• Worked closely with sales and account teams to align technical architecture with commercial outcomes and regulatory constraints.

Senior Implementation Engineer
March 2020 - September 2021 (1 year 7 months)
Singapore

• Led technical discussions and solution demos covering card schemes, payment performance, and settlement mechanics.
• Developed and maintained Checkout.com's Go SDK and JavaScript integrations to support merchant onboarding at scale.
• Provided deep technical support for high-volume merchants, ensuring platform stability and optimized transaction flows.

CXA Group
Technical Lead & Product Manager (eCommerce & Mobile)
July 2017 - March 2020 (2 years 9 months)
Singapore

• Led enterprise eCommerce and mobile platform delivery, managing regional engineering teams.
• Served as technical advisor to tier-1 banks (HSBC, OCBC) and insurers, translating business needs into secure, scalable architectures.
• Delivered B2B payment platforms and complex integrations across web and mobile.

MOZAT PTE LTD

Application Engineer
December 2016 - July 2017 (8 months)
Singapore

• Contributed to a major mobile architecture migration from MVC to Clean
Architecture, improving code quality and long-term maintainability.
• Led integration of third-party mobile libraries and improved developer
workflows through GitFlow, CI/CD automation, and release optimization.
• Strengthened engineering standards by introducing static analysis and linting,
improving reliability and deployment confidence.
• Optimized team delivery processes by restructuring JIRA Kanban workflows.

Spacemob
Mobile Engineer
July 2016 - December 2016 (6 months)
Singapore

Acquired by WeWork
• Developed mobile applications supporting coworking space operations,
including visitor management, meeting room booking, and on-site wireless
payments.
• Delivered end-to-end mobile solutions across iOS and iPad platforms,
supporting real-world transactional use cases.

KFIT
Lead Software Engineer, iOS
May 2015 - May 2016 (1 year 1 month)
Bangsar south

• Led a 4-person iOS team, driving architectural redesign and reducing
dependency on external vendors.
• Revamped core mobile application, delivering 10+ features, improving
performance, and increasing production efficiency by ~20%.

Mindvalley
Senior iOS Developer
April 2014 - July 2015 (1 year 4 months)

• Built mobile applications for enterprise clients including Nestlé and Castrol,
delivering consumer and gamified mobile experiences.
• Supported end-to-end mobile development across multiple client projects.

MediaCliQ Group
Mobile Application Developer
March 2011 - April 2014 (3 years 2 months)

• Created multiple applications for clients, ex: Nestlé, the first mobile application food and nutrition recipe in Malaysia.
• Created mobile gamification application for Castrol that function similar to Pokemon- Go.
• Led the operation of new office design for the company, as well as developed a beacon application for the new office.

Intel Corporation
intern
June 2009 - February 2010 (9 months)

Intern

Education

University Malaysia Pahang (First-class Honours)
Bachelor of Computer Science, Software Enginneering · (2006 - 2010)