Contact

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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

Shiuh Yaw Phang

Solutions @ Checkout.com | Leading Solutions Engineering
Singapore, Singapore

Summary

As the Director of Solutions Engineering at Checkout.com, I lead
a team of engineers who design, develop, and deploy cutting-
edge solutions for integrating payments and blockchain technology
with the company's platform. I have over 10 years of experience
in software engineering, with a focus on eCommerce and mobile
applications. I have multiple certifications in Python, Data Science,
and Ethereum and Solidity, and I am proficient in CocoaPods
and REST APIs. I am passionate about leveraging my skills and
expertise to create innovative and secure products that enhance
the customer experience and enable the company's growth and
expansion in the crypto space. I value collaboration, innovation, and
diversity, and I enjoy working with talented and driven colleagues
who share the same vision and mission.

Experience

Checkout.com
5 years 4 months

Director, Solutions Engineering
March 2022 - Present (3 years 4 months)
Singapore

I spearheaded the transformation of payment processing for a whale
merchant handling a staggering monthly transaction volume of 32 billion
dollars. My role involved in-depth client consultations to understand their
challenges and aspirations. Leveraging this understanding, I crafted highly
customized payment solutions, integrating cutting-edge technologies.
A key accomplishment was the reduction of solution implementation
time from 1 month to an impressive 2 weeks, ensuring swift, seamless
integration. Collaborating closely with internal teams and external vendors,
I orchestrated the implementation of robust payment APIs, optimizing the
client's payment infrastructure. Post-implementation, I instituted rigorous
monitoring mechanisms, analyzing transaction data to fine-tune the system
continually. This streamlined approach not only enhanced the client's payment

processing efficiency but also garnered praise for its seamless integration and exceptional performance. This experience amplified my problem-solving and collaboration skills, cementing my expertise in delivering innovative, client-centric solutions.

Director, Implementation Engineering
September 2021 - Present (3 years 10 months)
Singapore

Managing implementation efforts across APAC (China, Hong Kong, Singapore, Australia) with over $30B in monthly processing. Leading a team of 2 implementation engineers and 1 sales engineer. Responsible for solution pitching, POCs, and merchant integration.

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

In my first role in the payment industry, I led all technical discussions and demos involving scheme parameters. I implemented and developed the GoSDK for Checkout and analyzed merchant payment processing performance, providing technical support to ensure seamless operations.

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

I excelled as a Senior Product Manager/Technical Lead, overseeing a skilled team of 6-7 Magento engineers in Vietnam and Indonesia. I managed projects from inception to delivery, ensuring on-time execution of marketplace requirements and technical aspects. I crafted cutting-edge e-commerce solutions for major institutions like HSBC, OCBC, and Great Eastern, focusing on security, features, and seamless payments. I guided B2B platform evolution from concept to deployment with user-centric design. I executed complex technical implementations like OCR-based receipt and biometric authentication. I owned end-to-end development of CXADirect Distribution Platform, corporate web app, and iOS projects. With 8+ years of experience, I delivered innovation, steered product strategies, and ensured project success. Thriving on challenges, I maintained a user-first approach, consistently achieving outstanding results.

MOZAT PTE LTD
Application Engineer

December 2016 - July 2017 (8 months)
Singapore

I played a pivotal role in transitioning our mobile architecture from MVC to Clean Architecture, significantly improving efficiency. Expertly managed 3rd-party library integrations using CocoaPods and Carthage. Introduced GitFlow for streamlined collaboration and version control. Elevated our CI/CD pipelines by implementing Bitrise and Fastlane, ensuring swift and reliable deployment. Enforced rigorous code standards with SwiftLint, OCLint, and Android Lint, enhancing code quality and maintainability. Additionally, I restructured our JIRA Kanban, optimizing task management and workflow efficiency. My multifaceted experiences reflect a comprehensive grasp of mobile development, encompassing architectural best practices, tool proficiency, process enhancement, and code excellence.

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

Acquired by WeWork

I built mobile applications at Spacemob, to enable space management throughout the coworking space including a visitor management application, meeting room booking iPad application, as well as a wireless payment application to allow transactions to throughout the area.

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

I played a pivotal role in KFit's iOS development, leading a 4-member team in an Agile environment. I drove architectural redesign, reducing reliance on external engineers for features. I successfully revamped the KFit App, introducing 10+ features, optimizing performance, and increasing production by 20%. My leadership, architectural skills, and performance enhancements significantly contributed to the project's success, highlighting my proficiency in iOS development and effective team management.

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

I played a pivotal role in iOS development for the Omvana iOS Application, including spearheading the creation of Omvana's Watch application and driving HealthKit integration. My responsibilities extended to offering comprehensive technical insights, guiding project development, overseeing design, and managing content creation. Notably, I collaborated closely with Apple Hong Kong to successfully launch the Watch Application, coinciding with the Apple Watch Launching event. My contributions encompassed a diverse range of tasks, showcasing my proficiency in iOS development, project leadership, and strategic collaboration with key stakeholders.

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

• 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)