

Phoon Thet Pine, Mobile App Developer

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LINKS

[Linkedin](#), [Github](#), [Medium](#), [Website](#)

PROFILE

Mobile application developer specializing in iOS, with a proven ability to design, build, and ship high-quality mobile products. Experienced in translating ideas into scalable, user-centric applications with a strong emphasis on performance, reliability, and clean architecture. Passionate about continuous learning and staying current with iOS platform advancements to deliver thoughtful, impactful solutions.

EMPLOYMENT HISTORY

Mar 2023 — Sept 2023

Python Programming Instructor, Algorithmic School

Singapore

- Taught **Python programming**, **AI**, **machine learning**, and **web development** through hands-on projects.
- Designed and delivered **engaging, structured Python curricula** tailored to learners across varying skill levels, fostering an inclusive and supportive learning environment.
- Developed **interactive coding exercises and project-based learning activities** to reinforce programming fundamentals and strengthen problem-solving skills.

Jul 2023 — Sept 2023

Android Developer Intern, Beta Betr

Singapore

- Contributed to both **front-end and back-end development** of mobile applications, supporting feature implementation and application stability.
- Utilised **Git-based version control**, front-end best practices, and **continuous integration and testing workflows** to maintain code quality and reliability.
- Collaborated cross-functionally with designers and engineers to **define requirements and implement new features**.

Sept 2023 — Feb 2024

Software Engineer Intern, Infineon Technology

Singapore

- Analysed and enhanced existing web applications to improve functionality, usability, and maintainability.
- Collaborated with end users and stakeholders to **gather and clarify business requirements**.
- Supported the **deployment and rollout of enhanced applications** across multiple regional company sites.
- Gained exposure to end-to-end business processes, contributing to **technology-driven business value creation**.
- Documented front-end UI designs, enhancements, and changes to ensure clarity and maintainability.

Feb 2024 — May 2024

Programming Instructor, The Knowledge Academy

Singapore

- Produced high-quality, engaging **e-learning content** covering a range of programming topics.
- Explained complex technical concepts in a clear and accessible manner for a **global learner audience**.
- Developed and maintained **up-to-date course materials** aligned with current industry standards and trends.

Apr 2024 — Jul 2024

Programming & Robotics Instructor, Futurum Academy

- Delivered structured coding classes and programs focused on **C++ and Python programming**.
- Prepared and coached students for **coding competitions**, emphasizing algorithmic thinking, problem-solving, and efficient solution design.
- Mentored and motivated students to develop strong programming fundamentals and sustained interest in software development.
- Fostered an **inclusive, collaborative learning environment** that supported diverse learning styles and skill levels.

E D U C A T I O N

- Apr 2021 — Apr 2024 Engineering with Business, Singapore Polytechnic Singapore
- Completed an interdisciplinary curriculum covering **electrical, electronic, and mechanical engineering**, with exposure to both **hardware and software systems**.
 - Developed foundational business knowledge in **economics, marketing, and consumer psychology**, enabling technical decisions informed by commercial and user considerations.
 - Built the ability to bridge **engineering problem-solving with business strategy**.
- Jan 2017 — Dec 2020 GCE O-Level, Unity Secondary School Singapore
- Completed advanced science and mathematics subjects, including **Additional Mathematics, Pure Chemistry, and Pure Physics**.
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E X T R A - C U R R I C U L A R A C T I V I T I E S

- Apr 2023 — May 2024 President, Google Developer Student Club
- Led and mentored a team of students in the development of technical projects and software solutions.
 - Provided technical direction and oversight throughout the project lifecycle, ensuring milestones and deadlines were met.
 - Organized and facilitated **technical workshops and skill-building sessions**, promoting continuous learning and adoption of current technologies.
- Apr 2023 — May 2024 Programme Lead, Singapore Polytechnic Infocomm Club
- Liaised with external organizations to establish and maintain collaborative partnerships.
 - Spearheaded and organized **community service programs**, coordinating club members and resources to ensure successful execution.
 - Planned and delivered **in-school technical events**, including programming workshops and structured courses.
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A P P P R O J E C T S

- Jul 2024 — Present Little Wins, iOS Mental Wellness Application (Co-Founder)
- Co-founded and co-developed *Little Wins*, a mental health and wellbeing mobile app designed to empower users by celebrating daily personal achievements and fostering positive reinforcement.
 - Led the design and iOS development of core functionality using **Swift / SwiftUI**, including user tracking, activity logging, and insight sharing features.
 - Collaborated with cross-functional partners on product strategy, user experience design, and back-end integration to support future scalability.
 - Contributed to the app's mission to transform the mental health journey from isolation to self-empowerment by enabling meaningful progress visualization and community engagement.
- Dec 2022 — Mar 2023 HearAll
- Built an accessibility-focused mobile app to improve communication for hearing-impaired users.
 - Implemented secure authentication, community features, sign language learning resources, and hearing-aid Bluetooth integration.
 - Integrated AI-driven real-time sign language recognition and audio amplification features.
- Dec 2022 — Feb 2023 LearnLoop
- Built a mobile app promoting financial responsibility among youths through expense tracking, budgeting, and educational content.
 - Implemented secure authentication, Firebase-backed data storage, AI-powered financial guidance, and spending visualizations.
 - Developed features including budget alerts, in-app learning resources, student discounts, and social sharing.