

# Sean Leng

Singapore | 91393718

seanleng\_@hotmail.com | <https://seanleng.vercel.app/>

GitHub: <https://github.com/helloitsm3>

## EDUCATION

**Bachelor of Engineering - BE in Computer Software Engineering** 2019 - 2023  
*Singapore Institute of Technology*

**Programming Skills in Computer Software Engineering** 2014 - 2017  
*Nanyang Polytechnic, Singapore*

## EXPERIENCE

**Full Stack Engineer** Jan 2023 - Present  
*OneXTech, Singapore*

- Proactively liaised with the product manager, client, and the design team to gather requirements and design the features and user flow using Figma to ensure that it is user-friendly, provides a rich user experience and is consistent with the app to improve the usability.
- Managed both iOS and Android app using React Native and to build features that is requested from the client.
- Managed an Express.js server and Next.js API routes to handle all API requests for the apps.
- Collaborated with relevant stakeholders to translate business requirements into functional requirements
- Ideated user interface flow via prototyping using tools such as Figma
- Integrated REST API using axios to easily call APIs and manage a group of related APIs in the app
- Hands-on experience in Agile SDLC, working in Sprints by using productive to monitor project progress and issues
- Created and organized documentation to disseminate information using notion
- Used GitHub and Bitbucket for branch management to segregate tasking and tracking work progress

**iOS Engineer** Jan 2022 - Dec 2022  
*GetGo Technologies Pte Ltd, Singapore*

- Proactively liaised with the product manager and the design team to gather requirements and design the features and user flow using Figma to ensure that it is user-friendly, provides a rich iOS experience and is consistent with the main app to improve the usability.
- Built and configured the CI/CD flow using Fastlane to ensure 100% automation from building the app to deploy it to TestFlight for a group of users to test the app. This resulted in more than 30% increase in productivity and reducing the time needed to check for build errors by 60%.
- Work closely with backend engineers and android engineers to ensure that the app is consistent in terms of UI and features and also the APIs are designed to fit those features. This resulted in a 40% reduction in waste and a 30% increase in productivity.
- Worked in a small team to develop and deliver solution to streamline and automate workflow of operations team to improve productivity by 300% effectively reducing time taken for tasking.

- Designed system architecture of solution with SOLID design principles architecture, adhering to Object-Oriented Programming principles
- Spearheaded development of mobile application in iOS with SwiftUI using the
- MVVM design pattern to improve code maintainability
- Integrated DataDog, a performance and event monitoring tool to monitor errors and reduce time spent to replicate errors by 70%
- Collaborated with relevant stakeholders to translate business requirements into functional requirements
- Ideated user interface flow via prototyping using tools such as Figma
- Integrated REST API using Alamofire to easily call APIs and manage a group of related APIs in the app
- Hands-on experience in Agile SDLC, working in Sprints by using Jira to monitor project progress and issues
- Created and organized documentation to disseminate information using Confluence
- Used GitHub for branch management to segregate tasking and tracking work progress

## Full Stack Engineer

Jun 2021 - Aug 2021

*GetGo Technologies Pte Ltd, Singapore*

- Designed and developed a fleet management dashboard using Next.js, TailwindCSS, WebSocket and ExpressJS to allow the operations team to easily view and manage their fleet, resulting in a 40% increase in efficiency and productivity
- Proactively liaised with the CTO to gather requirements and design the front and back-end architecture to create a scalable and efficient product for the operations team.
- Diagnosed and troubleshoot the different processes used in fetching data and wrote a custom Python script to aggregate data from multiple endpoints, resulting in a 40% increase in productivity and efficiency
- Ideated user interface flow via prototyping using tools such as Figma and converting mock-ups into usable web presence with Next.js and Tailwind CSS.
- Hands-on experience on various stages of SDLC using tools and languages such as MySQL, Git, DocumentDB, and Docker
- Standardized all output with a new, responsive, mobile-first approach to ensure that users can perform tasks even when they're on their mobile.
- Containerised frontend and backend applications using Docker and Docker-compose to easily build and deploy to AWS to ensure the applications works smoothly no matter which system we deploy to.

## SKILLS

**Intermediate in:** Next.js, TailwindCSS, Typescript, Express.js, React Native

**Basic in:** AWS, Docker