

DON CHIA

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EDUCATION

National University of Singapore

IMDA SG:Digital Scholarship

Bachelors of Computing in Information Systems & NUSCollege

Singapore, SG

08/2024-Present

WORK EXPERIENCE

NOSSAFLEX

Melbourne, AU & Fredericksburg, USA

Chief iOS Frontend Developer

05/2020-Present

- Led the frontend development of NOSSAFLEX as the lead developer in an international team of developers from USA and Australia
- Collaborated closely with the lead designer to implement NOSSAFLEX's iOS frontend
- Consulted Apple Design Evangelist and leveraged the power of Apple's new SwiftUI framework
- Employed Model-View-ViewModel (MVVM) architecture and worked in close collaboration with senior tech lead from the USA, ensuring streamlined development and exceptional code quality
- Core tools used include **UIKit/SwiftUI**, **AVFoundation**, **Core Data** and **Firebase**

Starbloom

Charlotte, USA

Co-Founder & CTO

06/2024-Present

- Worked with Next.JS to create a next generation HR SaaS tool targeting AI Agents
- Made use of Tailwind's brand new UI component set and integrated APIs from Xano
- Worked closely with Project Manager to integrate Agile workflow into the development of the frontend application
- Made use of React Query and TanStack Library APIs to implement data management and flow for web app
- Core frameworks used include **React**, **React Query**, **TanStack** & **TailwindCSS**

Randamu Anime

Ho Chi Minh City, VN

React Native Engineer & Designer

01/2025-Present

- As part of the NUS Overseas College program, I am working both remotely and on-site in Ho Chi Minh City with Randamu Anime, a platform targeting the Anime, Comics, and Gaming (ACG) community in Southeast Asia, with a particular focus on Vietnam
- Tasked with designing and implementing the platform's mobile application using React Native, I have been entrusted with leading the development efforts, taking responsibility for both the application's architecture and user experience

SAF Signals Cloud & Digital Office

Singapore, SG

Software Engineer

11/2023-08/2024

- Worked alongside army regulars to create cross platform app that targets troopers deployed for overseas joint exercises
- Made use of skills in Figma, React Native alongside backend architecture such as Firebase and Flask
- Applied knowledge in Model-View-Controller (MVC) architecture and collaborated with senior officers to deploy app for troopers
- Efforts were recognised by Chief Signals Officer, other formations leaders and Chief of Army
- Core tools used include **React Native**, **Kotlin Jetpack Compose**, **SwiftUI**, **Vue3**, **Pinia** and **TailwindCSS**

Fundigo Co.

Singapore, SG

Project Manager & Fullstack Web Developer

06/2022-12/2024

- Effectively led and coordinated a small team of experienced international developers from the SEA region, ensuring quality code and efficient work
- Revamped the UI of Fundigo's cross-platform app by making use of Google's Material 3 design language to enhance user engagement and visual appeal
- Contributed significantly to the development of the merchant portal by employing Vite + Vue3 & Pinia data store
- Applied knowledge in Model-View-ViewModel (MVVM) architecture to create merchant portal in Vue3 & TailwindCSS for client use
- Core tools used include **Vue3**, **Pinia** and **TailwindCSS**

Current Mobility

Palo Alto, USA

iOS Engineer

10/2023-03/2024

- Collaborated with founder to aid in the design and development of iOS application
- Made use of SwiftUI and MapKit to create innovative solution for EV owners to charge their vehicles in the state of California
- Applied prior knowledge and experience of Model-View-ViewModel (MVVM) architecture and collaborated with senior tech lead to successfully deploy app for various stages of funding
- Core frameworks used include **UIKit/SwiftUI** & **Firebase**

ACHIEVEMENTS & AWARDS

Apple Entrepreneur Camp 2023 - Analog by NOSSAFLEX

Cupertino, USA

Accepted

11/2023

- Analog was accepted into Apple's Entrepreneur Camp 2023, an international programme designed to support developers providing access to Apple Engineers and Leaders to accelerate the growth of their app-driven business
- Our application was praised by mentors from Apple for having a beautiful yet UX-driven design that successfully applied Apple's Human Interaction guidelines

Apple Design Awards 2024 - Analog by NOSSAFLEX

Cupertino, USA

Shortlisted by Apple South Asia

03/2024

- Analog was shortlisted by Apple South Asia Developer Relations team and submitted to Apple Cupertino HQ for consideration in Apple's annual Design Award. Analog was praised for its adherence to Apple's Human Interaction guidelines while adding a unique UI spin to the application's design

Apple Inc. WWDC Swift Student Challenge 2021

Cupertino, USA

Awarded

03/2021

- Clinched prestigious Apple WWDC SSC award by submitting an innovative project that educated users on the fundamentals of web development through engaging **HTML/CSS** concept lessons
- Developed award-winning project by using **SwiftUI** and **Swift Playgrounds**, demonstrating technical prowess and creativity

Apple Inc. WWDC Swift Student Challenge 2022

Cupertino, USA

Awarded

03/2022

- Winning project was an exploration of modern line art and generative artwork, combining programming concepts like recursion with art in **Swift Playgrounds**
- Project was once again awarded among global competitors due to creativity and technical showcase

Open Government Products - Build for Good 2024

Singapore, SG

Secured Funding from OGP

09/2024

- Shortlisted by OGP to participate in Build for Good, a hackathon jointly supported by OGP and SG Gov Partnerships Office
- Worked in a team of 5 to push MVP solution to bridge the gap and encourage the growth of food rescue missions in Singapore
- Our team's MVP was pushed out within a month and 2 food rescue organisations made use of it, reducing administrative workflow friction. The end product was eventually featured in local news network and we secured funding from OGP

Soldier of the Year - for Contributions Towards the Army's Digitalisation Efforts

Singapore, SG

Awarded

05/2024

- Awarded NSF of the Year for going above and beyond by contributing to the OMNIA application that was used in Exercise Forging Sabre and also for founding Signals Cloud & Digital Office

MINDEF/SAF Innovation Award 2023 - OMNIA Application by Signals Cloud & Digital Office

Singapore, SG

Awarded

12/2023

- OMNIA web application was awarded SAF's Innovation Award in 2023, it successfully served its purpose as a management app for Exercise Forging Sabre held in Idaho, USA
- The project was fleshed out and used in SAF's annual Exercise Wallaby held in Australia in 2024

MINDEF/SAF Microsoft365 Hackathon - KeyChain Application by Signals Cloud & Digital Office

Singapore, SG

1st Runner Up

07/2024

- KeyChain is a digital keypress book built on top of Microsoft's Power Application platform. I led the team by designing our application flow using **Figma** and **Apple's Human Interface Guidelines**
- Application is in trial phase at Stagmont Camp, increasing efficiency and reducing paperwork errors for hundreds of regulars and NSFs

VOLUNTEER ROLES AND LEADERSHIP

iOS Conference SG & iOS Dev Scout

Singapore, SG & Cupertino, USA

Event Organiser

04/2024-Present

- Volunteered as an organiser and speaker for iOS Conference SG, Singapore's biggest community of developers for Apple's software platform.
- Helped organise and speak at the community's annual US event, held at Cupertino during Apple's WWDC week

SKILLS

Web: Vue.JS, React, Flask, SQL, MongoDB, AWS, Firebase, Figma

Native App: Swift, Kotlin, SwiftUI, SwiftData, Kotlin Jetpack Compose, Figma, Material Design, Apple Human Interface Guideline

Cross-Platform App: JavaScript, Dart, React Native, Flutter

Others: Git, Python