

# Leong Jin Kai

Software Engineer with experience in web and mobile development specialising in React and UIKit.  
A self-motivated learner passionate about full stack development for complex, high traffic apps.

## Contact Information

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- Singaporean
- Residing in Singapore
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## Education

### BSc Hons in Project and Facilities Management

National University of Singapore  
Aug 2017 – Jul 2021

#### Subjects included:

- Project Management
- Contract Management
- Prince2
- Waterfall
- Agile
- Scrum Methodology

## Interests & Activities

### Awards

- Student Life Award - Community Engagement (Distinction)

### Hackathon

- Circles.Life Hackathon Participant

### Interests

- Microcontroller Programming
- Algorithmic Trading
- Google Cloud

### Sports

- Dragon boating

## Languages

- English
- Mandarin

## Work Experience

### Software Developer Consultant

FDM Group

June 2023 – Present

### Mobile Developer

Oversea-Chinese Banking Corporation, Singapore

Developed and maintained OCBC Digital Mobile App Features

- Worked on the Payments feature for OCBC consumer banking mobile app using **UIKit** and **Combine** frameworks – Developed **Multi-peer transfer** feature on top of **PayNow** which allows users to tap on **BLE** for performing transfers to multiple users simultaneously within the proximity (using iOS native **Core Bluetooth** framework). Utilised **tokenization** to ensure secure data transfer and optimized performance by minimising API calls, reducing payload size and omitting unnecessary connections to handle high traffic conditions
- Migrated** legacy codebase (**Cordova**) to **React** features with **Redux**. Led the development and design for two features using **TypeScript** with **SASS** and carried out intensive testing using **Jest**. Collaborated with Backend team to optimise API calls and reduce screen loading time using **Redux Saga**
- Worked on Payment Transfers feature for OCBC Overseas Corporate Banking **MFE** web app using React, Redux, **Tailwind CSS** and **React Testing Library**.

### Software Development Training Program

- Developed a full stack web Banking App using **Spring**, **MySQL** database and React. Includes **JWT** and **2FA Email OTP** authentication, authorization with **Firebase** and chart visualization for mock bank transfers and credit card spending

### Business Product Manager

Shopee Singapore

May 2022 – Jun 2023

Launched and managed supply chain data products

- Created dashboards using an in-house visualization platform (similar to **Tableau**) to analyse product success metrics and drive targeted action plans, increasing product adoption and product usage by around 50%
- Automated operational communications and data reporting procedures using Excel Macros, **Python** (including **NumPy** and **Pandas**) and **Google App Script**, improving work efficiency by over 20%
- Kickstarted new product engagement channels to increase user touch points, organized company-wide training and improved the customer feedback loop, increasing customer satisfaction

### Management Candidate

Uniqlo Singapore

Jul 2021 – May 2022

Managed daily store operations to maximise business profit

- Implemented a process improvement project that increased the quality and quantity of product reviews by over 50%, delivering actionable insights to other business functions
- Proposed and executed customer satisfaction improvement projects for store operations resulting in a 600% increase in service compliments

## Projects

### Personal Portfolio Website

Feb 2023 – Mar 2023

- Built interactive website using Tailwind and **JavaScript** (React), **Framer Motion** Library for animation, **LottieFiles** for motion graphics and **Git** for version control