

Kenley Luk

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<https://kenleyluk.github.io/portfolio-react-tailwind/>

SUMMARY

Experienced Mobile Developer with 5 years of expertise in mobile ecosystems, including 3 years of dedicated Flutter development and professional experience in React Native. Worked in the logistics, e-commerce, and financial industries and am proficient in utilizing Unit Test and Snapshot Test to ensure high-quality code. Adaptable to Agile Scrum development.

PROFESSIONAL EXPERIENCE

Upwork – Mobile App Developer (Freelancer)

April 2023 – Present

- Engineered and deployed a full-stack English learning mobile application (Flutter), establishing a scalable, serverless backend using Node.js to develop robust RESTful APIs hosted on AWS Lambda. The project integrated core AI and learning features, including real-time AI feedback on user speaking and grammar, daily speaking challenges, and an advanced vocabulary system utilizing FSRs-powered smart flashcards to maximize memory and long-term retention.
- Independently developed and launched the mobile game "Queens Puzzle" (Flutter), showcasing advanced proficiency in cross-platform development. The core game logic was built using the Backtracking Algorithm to efficiently solve complex board configurations, combined with unique regional constraints (one queen per colorful region) and modified attack rules (attack limited to adjacent diagonals) to create a challenging viable logic puzzle.
- Built a pet product shop using React, Tailwind CSS, JavaScript, Node.js, and MySQL, focusing on responsive design and seamless user experience across devices.

Hong Kong Economic Times Limited – Senior Developer

December 2022 – March 2023

- Develop Mobile App with Financial & Lifestyle feature with 100,000+ users base
- Implemented the Android Jetpack including Hilt, Room, Coroutines and Flow to simplify the development process and enhance the onboarding speed of new team members
- Responsible for implementing the system and documenting its functionality using Confluence software

Chief Group Limited – Senior Mobile Apps Developer

September 2021 – November 2022

- Develop and maintain a mobile application for the financial trading platform
- Revamped the application with MVVM architecture and designed the application's new features, including showing real-time stock data using Redis client.
- In order to capture UI issues, employ snapshot testing to observe any visual alterations in both the user interface and data.
- Implementing unit tests enables prompt feedback, ensuring that the development of new features does not disrupt existing components, and confirming code accuracy during refactoring
- leverage Jira software to estimate time and conduct, thereby improving project planning and execution

Ztore HK Limited – Senior Mobile Apps Developer

March 2021 – September 2021

- Develop and maintain Ztore online shopping application and Neigbuy shopping application
- Revamped the application with MVVM architecture from MVC and designed the application's new features, including integrating Octopus payment, Atome payment (Buy now, pay later) platform

Ztore HK Limited – Application Developer

August 2018 – February 2021

- Develop a new logistics application (LMS) using Flutter and Self-pickup application (SPU) using Kotlin independently. Using Google map to provide driving directions and Firebase messaging to enhance user notification speed
- Implemented Android Jetpack Components including Dagger, Navigation, LiveData and DataBinding to increase the development efficiency
- Responsible for managing the publishing multiple platform (Google play store, Apple play store) and using GitHub tools to manage version control of the mobile applications
- Participate in the design and development of e-commerce platforms like flow-chart
- Work with backend team to define API for frontend use through the Restful API
- Collaborate with Design teams to deliver new business initiatives and generate innovative solutions to continuously improve user experience through the Trello software

EDUCATION

Coventry University – Bachelor's degree, Computer Science

2016 - 2017

SKILLS

Software: Kotlin, Java, Android Development, Flutter, Android Jetpack, Jetpack Compose, RxAndroid, Restful, GraphQL, Redux, Jira, Confluence, Agile Scrum, Git, Pull Request, GitHub Actions (CICD)