

RAY HUANG

MOBILE DEVELOPER

KEY SKILLS

- Agile Methodology (Scrum)
- Swift & SwiftUI
- Flutter
- React & React Native
- Mobile Development
- Unit Testing methodologies
- Stakeholder management

TECHNOLOGIES

Swift, Flutter, Dart, PHP with Laravel,
HTML5, CSS, JavaScript

BACKGROUND

Ray is a hard-working, enthusiastic intermediate Software Engineer with a passion for iOS development and creating exceptional mobile experiences using the latest technologies.

Ray has strong foundations in iOS development, with expertise in Swift and SwiftUI, enabling him to design and develop intuitive, visually appealing, and high-performance applications. With a continuous learning mindset, Ray stays updated with the evolving iOS ecosystem and integrates best practices to build scalable and user-friendly applications.

While specializing in iOS, Ray also has experience as a Flutter/React Native Developer, broadening his mobile development expertise.

Ray is self-motivated, excels under pressure, and can work independently or collaboratively within a team. His excellent time management skills ensure he consistently adheres to strict deadlines while maintaining a high standard of work.

DATACOM

RAY HUANG

MOBILE DEVELOPER

INDUSTRY EXPERIENCE

DISTRIBUTION AND SERVICES

- Professional Services
- Personal and Consumer Services

PUBLIC SECTOR

- Healthcare Provider

QUALIFICATIONS

UNIVERSITY OF AUCKLAND, NZ

- Bachelor of Science - Major in
Computer Science and Statistic

RECENT ASSIGNMENTS

Mobile Developer

Datacom

Project: Fisher & Paykel Healthcare

- Built PoC apps in native iOS & Android.
- Built native modules & components to integrate scanning into react native app.
- Supported BAU localised content releases for new products & markets.
- Maintenance updates, refactoring/modernising the codebase (functional components, stricter typescript).
- Developed a mask recommendation engine that can be updated without an app update (similar to codepush).
- Architectural changes towards a whitelabel monorepo solution to release similar apps.
- Developed internal tools for automating content and localisation processes.

Mobile and Web Developer

Datacom

Project: Rockgas

- Built new customer portal app for mobile (iOS and Android) and web using Dart and Flutter in a single codebase
- Built reusable UI components and platform-specific UI components
- Built platform specific layout and responsive design according to screen sizes
- Built different environments - dev, test and prod (Android build variant and iOS scheme)
- Integrated REST APIs
- Integrated OAuth2 authentication with Microsoft Entra External ID
- Integrated card payment capabilities with Datacom Payment Gateway APIs
- Using Bloc pattern for state management
- Conduct end-of-sprint demos to show progress to stakeholder
- Deploy app for testing using Azure for web and App Center for mobile

DATACOM

RAY HUANG

MOBILE DEVELOPER

React Native Developer

Datacom

Project: ANZCO Livestock

- Built new UI screens and components
- Built remote notification in-app navigations
- Built new environments (Android build variant and iOS scheme)
- Built functionality of app-state change auto refresh data on current screen
- Built robust API error handling across the app
- API optimisations - heavily reduced unnecessary API calls while preserving functionalities
- Maintenance updates, refactoring/modernising the codebase (functional components, reusable components, stricter typescript)

Software Developer

Measuring Outcomes Ltd

Descriptions:

- Working on two SaaS products. The app helps organisations to keep track of NZ young people's wellbeing via recording forms, referrals, visits to generate different categorised ratings for young people in NZ.

Contributions:

- Develop the new cross-platform App for Web, Android and iOS versions using Flutter.
- Maintaining and developing new features for main SaaS product in web.
- API using Laravel.
- Presentations to clients for working progress tracking.

Core Techniques:

- Flutter and Dart.
- BLoC architecture
- PHP with Laravel framework (API)

Projects:

- TOMM – Young Person over 5.
- Baby TOMM – Kids under 5

DATAACOM