

HOK LAM CHENG

Mobile Software Developer | Flutter Developer

Reading, UK | Right to work in the UK

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PROFILE

Mobile Software Engineer specialising in Flutter, with 5+ years of commercial experience delivering production fintech applications across iOS and Android. Delivered or substantially refactored 12 customer journeys spanning KYC, card renewal, precious-metals trading and location-based cash services. Strong in Dart, Flutter, Riverpod and Clean Architecture, translating complex financial and product requirements into reliable, maintainable, state-driven software.

TECHNICAL SKILLS

Core: Flutter, Dart, Riverpod, Clean Architecture, MVVM, state-driven architecture

Data & modelling: Firebase, Cloud Firestore, Drift, SQLite, Freezed

APIs & integrations: REST APIs, Google Maps

UI delivery: Figma implementation, responsive layouts, reusable components, localisation

Quality & engineering: Unit, widget and integration/E2E testing, production debugging, performance and memory investigation

Tools & AI: Git, PR reviews, custom AI agent workflows and reusable instructions for Flutter coding standards and human-validated code review

Additional frontend: React (working knowledge)

PROFESSIONAL EXPERIENCE

Software Developer (Flutter) | UTGL | May 2021 – Present

- Owned frontend delivery within a cross-functional team, collaborating across mobile, backend, product, design and QA from technical design through implementation and testing, then supporting QA and production defect resolution.
- Refactored KYC architecture spanning 6 business subflows and approximately 35 practical UI states, restructuring Riverpod state and domain models, extracting business logic into services and use cases, and introducing explicit state-driven navigation; added unit-test coverage for all extracted business logic.
- Designed and delivered the Flutter architecture for card renewal, modelling 19 valid card and renewal-state combinations across Riverpod, domain models, Firestore and REST APIs to render the correct UI and actions throughout early and post-expiry renewal.
- Engineered 3 end-to-end precious-metals journeys - buy, sell and withdrawal - handling 4 transaction states across confirmation, order history and activity details, with live pricing, fees, balance and holdings validation, transaction limits, quote repricing and duplicate-submission protection.
- Architected shared Riverpod state and business logic for two 8-stage, location-based cash-in and cash-out journeys, covering asset and account selection, amount entry, scheduling, Google Maps location selection, confirmation, completion and activity details, with fee and balance validation, timezone localisation and API failure handling.
- Translated Figma designs into responsive Flutter interfaces for iOS and Android and created and maintained 50+ reusable UI components supporting 6 locales.
- Wrote unit, widget and integration/E2E tests for production Flutter features; diagnosed production defects, unnecessary Flutter/Riverpod rebuilds and memory-related issues.
- Mentored 1 junior developer through pull-request reviews, implementation guidance and reusable coding patterns, while collaborating with Product, Design, Backend and QA to resolve requirements and integration issues.
- Created reusable AI-assisted engineering workflows and custom instructions encoding Flutter coding standards and structured code-review checks, retaining human ownership of technical decisions and final validation.

OTHER EXPERIENCE

Senior Facilities Officer | Guardian Property Management Limited | Apr 2015 – Jul 2019

- Promoted from Property Officer to Senior Facilities Officer and helped design operational, emergency and contingency procedures for the opening of the Hong Kong–Zhuhai–Macao Bridge Hong Kong Port, coordinating government departments, emergency services, contractors and frontline operations involving 200+ personnel.
- Developed cross-agency emergency procedures, SOPs, escalation paths and training with Customs, Immigration, Fire Services and police; validated them through large-scale drills before launch, and the procedures were successfully followed during a serious first-day operational incident.

EDUCATION

Bachelor of Arts (History), Upper Second Class Honours

Lingnan University, Hong Kong | 2011 – 2014