Noriaki Handa

Mobile App Engineer (Flutter / iOS / Android)

Flutter/Riverpod specialist with deep-link and AI-assisted delivery experience.

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EDUCATION

B.Eng. in Electrical & Electronic Engineering

Hokkaido University (Information Electronics)

04/2019 - 03/2024

Courses

- Computer engineering fundamentals (e.g., Verilog HDL)
- Research: evaluation of actuator energy for artificial sense in myoelectric prosthetic hands

High School Diploma (English immersion)

William Fremd High School (Illinois, USA)

08/2015 - 05/2018

Courses

- Studied full-time in an English environment; strengthened academic writing and communication.
- AP-level coursework in Computer Science, Calculus, and Physics; National Honor Society.

WORK EXPERIENCE

Flutter Engineer

teamLab Inc. ☑

08/2024 - Present

Ticket sales & video streaming app development

Achievements/Tasks

- Authored requirement specs from wireframes and implemented core features (incl. 3rd-party login) in a large-scale project.
- Established development guidelines (tech selection format, coding rules) and improved delivery quality via code reviews and tests (incl. Visual Regression Testing).
- Improved team workflows by integrating AI into spec-driven development (design/implementation/review).

Senior Technology Project Manager

Nippon Communications Inc.

08/2023 - Present

Client-facing mobile app development (multiple projects)

Achievements/Tasks

- Led requirements, architecture, and delivery across multiple Flutter projects; drove stakeholder alignment and scheduling.
- Shipped Rakulip ☑ (on-device research video editor) on iOS/Android: built an FFmpeg-based editing pipeline, optimized quality/performance, and managed releases.

- Since 09/2025, delivered an external camera device integration app (confidential) for iOS/Android using Swift/Kotlin + Kotlin Multiplatform; validated SDK constraints via prototypes and produced handover documentation.
- Increased delivery speed and consistency by applying AI-assisted workflows for spec drafting, implementation, and reviews.

Flutter Engineer

Hedgehog Medtech, Inc. ☑

08/2022 - 03/2024

Migraine & PMS medical treatment app development

Achievements/Tasks

- Drove tech selection and Flutter architecture design; established coding rules and reusable components.
- Built CI/CD for app distribution (CodeMagic) and streamlined release operations.
- Implemented features with Riverpod/Freezed/i18n, reviewed code, and mentored cross-functional members on Flutter.

PdM / Flutter Engineer

THE PHAGE Inc. ☑

11/2021 - 07/2022

Diabetes medical treatment app development

Achievements/Tasks

- Coordinated requirements across stakeholders and defined product/tech direction in an early-stage startup.
- Designed and shipped a Flutter app with Riverpod, i18n, and local DB; handled release and internal rollout.
- Researched and prototyped signal-processing based prediction for glucose trend analysis.

SKILLS

Flutter | Dart | Riverpod | Deep Links

OAuth2.0/OIDC

AI-assisted development (Codex/Cursor/Copilot) | Swift

Kotlin | GoRouter | AutoRoute | Freezed | FFmpeg

Firebase / Firestore

CI/CD (CodeMagic/CircleCI/GitHub Actions)

Git/GitHub | melos (multi-package) | Testing / VRT

AI

- Use LLMs to accelerate spec-driven development: drafting specs, implementation plans, review checklists, and documentation.
- Improve delivery speed and quality by integrating AI into day-to-day debugging and refactoring workflows.

PROJECTS

Prakasya *(07/2025 - Present)*

AI-assisted rapid prototyping (React + Supabase)

- Built a validation environment (LP + waitlist + DB + analytics) in 2 days using React/Vite and Supabase.
- Used Codex/LLMs to iterate quickly and acquired 150 waitlist signups.

Notion Wordbook ☑ *(02/2022 - 08/2022)*

Vocabulary learning app for Notion users

- Designed the app architecture and implemented features with Flutter + Riverpod.
- Established coding rules, reviewed code, and mentored junior members via pair programming.

Study Matching ☑ *(06/2019 - 09/2020)*

Campus community app (Flutter + Django REST)

- Launched and operated the app from zero to release; reached 20% student registration at the university.
- Maintained backend infra (Django REST + PostgreSQL + Docker) and led code reviews and team onboarding.

LANGUAGES

Japanese (Native) | English (Fluent; TOEFL iBT 104)

Pali (Beginner) | Sanskrit (Beginner)