

Noriaki Handa

Mobile App Engineer

An experienced Flutter developer



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📍 Japan

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EDUCATION

B.S. in Computer Science

Hokkaido University

04/2019 - 03/2024

Courses

- Integrated System Engineering and Computer Engineering using Verilog HDL
- Kinesthetic sense based on evaluation of actuator energy for artificial sense in myoelectric prosthetic hands

National Honor Society

William Fremd High School

09/2018 - 07/2021

Courses

- College-level AP courses in Computer Science, Calculus, and Physics
- Enrolled in the National Honor Society

WORK EXPERIENCE

Mobile App Developer

Hedgehog Medtech, Inc.

08/2021 - Present

Medical treatment app development company

Achievements/Tasks

- Spearheaded the development of critical medical treatment apps, improving patient conditions on migraine and premenstrual syndrome collaborating with designers who made wireframes on Figma.
- Collaborated closely with healthcare professionals to ensure the apps met rigorous industry standards and user needs.
- Set up and maintained the CI/CD pipeline for the mobile app distribution. Reduced the cost of app distribution by more than 80%.

Contract Development

Rakulip

08/2023 - 03/2024

A video editor app for researchers in Hokkaido University

Achievements/Tasks

- Evaluated requirements and designed the architecture of the app.
- Developed the app using Flutter and FFmpeg.
- Released the app on the App Store and Google Play.

- Demonstrated and supported the use of the app at a conference.
- Enhanced the app based on feedback from users and achieved 30% increase in store rating.
- Fixed bugs and improved video quality by making adjustment to the FFmpeg parameters.

Product Manager/Mobile App Developer

THE PHAGE, Inc.

12/2020 - 07/2022

Medical treatment app development company

Achievements/Tasks

- Made a blueprint of the team and the product and led the company to the next stage.
- Developed a mobile app that makes diabetes treatment more efficient.
- Selected technologies that were best suited for the product and the team and led the company to have a better presence in the market.
- Researched and developed a cutting edge algorithm that processes signals from a wearable device and predicts the user's blood sugar level.

Chief Technology Officer

Conomai, Inc.

09/2019 - 02/2020

Medical treatment company

Achievements/Tasks

- Made several minimum viable products and conducted user interviews to find out the best product for the company and the market.
- Inquired to venture capitalists and banks and raised funds for the company.
- Made capital plans and business plans and led the company to the next stage with the cofounders.

Internship

DIGITAL GRID, Inc.

08/2020 - 09/2020

Electricity traceability and trading company

Achievements/Tasks

- Explained the company's business at a conference and led to further business opportunities.
- Interviewed all the people in the company and made interview articles so that everyone in the company could better understand each other.

SKILLS

Flutter Riverpod App Deployment Git/GitHub

Jira Product Management Teamwork

Critical thinking Problem solving

PROJECTS

Notion Wordbook [🔗](#) (02/2022 - 08/2022)

Vocabulary learning app for Notion users

- Developed with a team of three people using Flutter and Notion API.
- The app had a feature that references the user's Notion database and creates a vocabulary list out of it.
- Reviewed code and taught anything needed to junior members.

Study Matching [🔗](#) (06/2019 - 09/2020)

SNS for campus students

- Developed with a team of three people using Flutter and Django REST framework.
- The app had a feature that matches students who want to study together.
- The number of users hit 1000 in 3 months.

LANGUAGES

Japanese (native)

English (fluent)

INTERESTS

Buddhism

Indian Philosophy

Philosophy

European Football

Folkloristics

Agriscience

History