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

08/2015 - 05/2018

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. ↗

08/2022 - 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.
- Setted 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 biabetes 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