

Nijmegen, Netherlands  
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# Hrafn Thorvaldsson

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I am a proactive and self-motivated engineer that has a proven track record of leading complex projects within different regulatory environments and delivering results. Professional interests are in building exceptional mobile experiences, server side system automation, and shipping reliable applications. By bringing in over 15 years of industry experience building mobile applications in various sectors, it is my belief that I can be a valuable addition to your team.

## Work Experience

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### Lead Mobile Application Developer

Mobile Application Team

#### [Prescriby](#)

Reykjavík, Iceland / Nijmegen, Netherlands

May 2023 - Present

Prescriby is tackling the prescription drug addiction epidemic by facilitating personalized remote health care via a mobile application based tapering program.

- Oversee development and release management of the cross platform mobile application across regions in Europe and North America.
- Brought the application from proof-of-concept to production ready national rollout within my first 5 months on the team.
- Built the CI/CD pipeline used to build and deploy the application across multiple regions, each with distinct regulatory and compliance requirements

### Senior Android Developer

Channels team

#### [Íslandsbanki](#)

Reykjavík, Iceland

Nov 2017 - Oct 2022

Íslandsbanki is one of the largest financial institutions in Iceland, with roots tracing back to 1875.

- Led Android development for a new premium card management application, including the first CDCVM-capable mobile payment functionality on Android in Iceland.
- Led the migration of retail customer functionality from a legacy Xamarin platform to a new native application built exclusively in Kotlin, using modern architecture practices and tooling.
- Implemented multi-tenant functionality for the bank's primary banking application, enabling small and medium business users to manage their finances more easily thus resolving a top complaint among the bank's core customer base.

### Software Developer

Infrastructure support team

#### [deCode Genetics](#)

Reykjavík, Iceland

Jan 2017 - Oct 2017

deCODE Genetics is a world leading bio pharmaceutical company founded in 1996 and is based in Iceland.

- Developed and managed internal research software systems, integrated external research equipment and third-party software, and delivered technical user support for those systems.

- Led development of integrations for third-party tooling interfacing with sleep measurement hardware, in cooperation with [Nox Medical](#), used for one of the largest concurrent sleep quality studies in the world.
- Reverse-engineered a proprietary serial communication protocol for expensive out of service medical imaging device, integrating direct communication with it into deCODE's research management systems, saving the company large amounts in replacement costs.

## Lead Android Developer

Mobile Application Team

## [Memento Payments](#)

Iceland, Reykjavík / Edmonton, Canada

Jul 2015 – Jan 2017

Memento Payments are the creators of a turn-key white-label financial suite for person-to-person transactions.

- I lead the designing and developing the Android application in close cooperation with the iOS and backend teams, as well as setting up CI/CD workflows and release management.
- Within the first months of release, the application became the most downloaded app on the Play Store in Iceland, surpassing Snapchat, WhatsApp, and Facebook.
- In January 2016, exclusive rights to the system were acquired by Íslandsbanki, which launched it under the product name "Kass", which later that year won the Icelandic software industry award "Mobile Application of the Year".

## Android Developer

Mobile Development team

## [Advania](#)

Reykjavík, Iceland

May 2012 – Aug 2015

Advania is a Nordic information technology service corporation, the largest in its field in Iceland and one of the largest in the Nordic countries.

- Contributed to the creation of over 10 fully-fledged products, from early design through to release, primarily for Android with several for iOS, serving enterprises of all sizes across various industries.
- Built an automated build and deployment pipeline for the department's Android products.

References can be supplied upon request

## Technologies and Languages

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- Languages: Kotlin, Java, Dart, Python
- Technologies: Android (Compose / Views, Jetpack, Gradle, Dagger / Anvil / Hilt, Koin, and many more)  
Flutter (Bloc, Drift, Dartz, GetIt, Freezed, GoRouter)  
Automatic UI Testing (Espresso, Maestro, Golden image testing)  
SQL (Postgres, MySQL, SQLite)  
CI/CD (Github Actions, Act, Azure, Gitlab, Travis)  
Containerization (Docker / Compose, PodMan, Traefik)  
Infrastructure Automation (Ansible, Terraform)  
Agentic Coding (Claude Code, Android CLI, CodeRabbit)
- Other: Architectural / Design Patterns (MVVM, MVP, MVC, MVI, Clean Architecture)  
Standard development tooling (git, ssh, bash/zsh, grep, awk, sed, jq)  
Firebase (Messaging, Firestore, Analytics, Remote-Config, Distribution, A/B Testing)  
App Release Management (Webfront, Google Play Developer APIs, Xcode CLI, Fastlane)

## Education and Certifications

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- **B.Sc. Computer Science**, University of Iceland, Reykjavík. 2007 – 2012
- **Matriculation Examination: Mathematics**, Commercial College of Iceland, Reykjavík 2003 – 2007
- **English Language Proficiency CELPIP Level 11**, Paragon Testing Enterprises, Edmonton Canada 2015

## Volunteer Work

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- **Chairman of the board**, Computer Scientist Association of Iceland 2017 – 2020
- **Member of the board**, Computer Scientist Association of Iceland 2020 – 2022
- **Bounty Rewarded Member**, Defend Iceland ethical bug bounty program 2024 - Current
- **Founding Member**, 'Hakkavelin' Iceland's first hackerspace 2010 - 2016
- **Operational Qualified Member**, Icelandic Search And Rescue (ICESAR) 2005 – 2011

## Personal Interests

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Wilderness hiking, cooking, brewing, science fiction, electronic music, economics, science and technology in general