



Sami Härkönen

Master of Science

CONTACT INFORMATION

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Links:

- GitHub
- Portfolio
- LinkedIn

LANGUAGE SKILLS

Finnish: native

English: fluent

Swedish: satisfying

IT-SKILLS

Operating systems:

- Windows, Linux, macOS (good)

Programming:

- JavaScript, Typescript (advanced)
- C++ (good)
- Python, C (intermediate)
- Scala (basics)

Version control:

- Git, GitHub, GitLab (good)

Databases:

- SQL, NoSQL (good)

SUMMARY

- **Front-end development:**
 - **Web Technologies:** HTML5, CSS, JavaScript/TypeScript.
 - **Frameworks:** React, React Native
- **Back-end development:**
 - Node.js, Express (REST APIs), and experience in GraphQL.
- **Databases:** PostgreSQL, MongoDB, and Google BigQuery.
- **DevOps:** Experience in CI/CD pipelines (e.g. GitHub Actions & deployment to Render), and over the air (OTA) updates for mobile app.

EDUCATION

Aalto University School of Science, Espoo, Finland, 2016-2022

Master of Science studies, Computer Science, 2022

- **Master's Thesis:** Design and Implementation of a Web Analytics process for a Gaming Site

Bachelor of Science, Engineering Physics and Mathematics, 2021

- **Bachelor's Thesis:** Riskitärkeysmittojen laskeminen skenaarioanalyysissä

Secondary School Graduate, Helsingin aikuislukio, 2016

WORK EXPERIENCE

Veikkaus Oy (2021 - Present)

Mobile developer (07/2022 - Present)

- **Tasks:** Implementing tests, accessibility, maintenance, A/B-tests, new features across various projects, developing reusable components to a shared internal library, managing cloud builds, and deploying CodePush releases for users (OTA-updates).
- **Key tech:** TypeScript, React Native, Redux, Redux Saga, Firebase, and Apollo GraphQL, CI/CD pipeline, GitLab, Expo, EAS

Junior mobile developer (12/2021-07/2022)

- **Master's Thesis:** Implemented Key Performance Indicators (KPIs).
- **Tasks:** Similar as in the Mobile Developer role.

Supervisor, HELride Collective, (2016-2022)

- Supervised Kontula's indoor skateboarding park during winter.

Stock working and mailing, Association of Cancer Patients in Finland, (3/2015 - 7/2018, 1-5/2014 and 10-11/2010)

- Managed patient guides mailing, office cleaning, stock handling, customer feedback processing, and database maintenance (cleaned customer register in Access database).