SATU HYVÄRINEN

FUTURE FULLSTACK DEVELOPMENT SUPERSTAR

ABOUT ME

React and Flutter enthusiast *en route* to becoming a **fullstack development superstar**. 🚀

I believe in lifelong learning, embrace continuous change and daringly explore new things.

What words other people use to described me? For example resourceful, shows initiative, resilient, hard working, logical thinker, goal oriented and fast learner.

My hobby programming projects:

https://satuhyva.github.io/

(In the above link you can find a list of apps I have been working on in my free time. Perhaps the best example of my skills is the LOTSOFDOTS full stack Typescript version).

EDUCATION

COMPUTER SCIENCES, 60 credits

2019 | UNIVERSITY OF HELSINKI
Computer science studies, including Fullstack open (both course and project) and Data structures and algorithms MOOCs.

BIOCHEMISTRY, PhD

2016 | UNIVERSITY OF HELSINKI, HAARTMAN
Biochemistry / immunology

CHEMICAL ENGINEERING, M.Sc. (Tech.)

1999 | HELSINKI UNIVERSITY OF TECHNOLOGY
My studies included a lot of **mathematics courses**, which has proven very useful in programming.

SKILLS IN SHORT

I have been working with the following:

- Javascript, Typescript, python, and dart
- React (Native), Node, Flutter
- REST, GraphQL, PostgreSQL, MongoDB, Firebase
- Docker, Azure
- Scrum (theory)

CONTACT

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MY JOURNEY IN SHORT

I started programming in the end of 2018 by following Swift **web tutorials** with the aim of developing apps for my iPhone. I soon realized that I needed something more structured/comprehensive and began taking Helsinki University **MOOC programming courses** . From the very beginning, I have always had **programming projects of my own ongoing** (and I invested in these projects as much time as my full time job as a biochemist has permitted).

In summer 2020 I made the decision to do a career change. I was lucky to be able to start right away at Miili Consulting where, despite my being a beginner, I was assigned a very responsible task of developing the first version of a **React app with Node backend and PostgreSQL database** from scratch. My skill level has truly rocketed at Miili!

ACHIEVEMENTS

1 Invention
The invention topic was related to stool sample analysis.

12 Publications
My publications are scientific articles published in international peer-reviewed journals.

LANGUAGES

Finnish ●●●●●●●
English ●●●●●●○
French, Swedish ●●●○○○○
German, Russian ●○○○○○○

HOBBIES

- coding, developing apps
- swimming, gym, jogging
- reading fantasy and science fiction books
- renovating an old summer cottage, building a greenhouse

WORK EXPERIENCE

SOFTWARE DEVELOPER
7/2020 | MIILI CONSULTING OY
To start with, I developed by myself the first version of a **full stack app** from scratch (for a customer). The front end is a Typescript React app and the back end is a Typescript Node express "REST" api. PostgreSQL database is used for permanent data storage and Azure for app hosting. I also designed the UI and handled communication with customer. The product is currently in user testing.
I have also created a Framer prototype of another app for another customer.

R&D SPECIALIST
2017 – 2020 | AIDIAN OY (ORION DIAGNOSTICA OY)
In this diagnostic test manufacturing company I worked as a project manager and a **technical leader in new product development**. I instructed laboratory technicians in their laboratory testing. I performed classification (as required by CLP legislation) for the company's chemical products.

RESEARCHER / SCIENTIST
2009 – 2017 | UNIVERSITY OF HELSINKI
I worked as a researcher studying the immunology-related complement system of human blood and CRISPR-Cas.
I learned to work in very **multi-cultural** teams and with people from very **different educational backgrounds**!