

# Teemu Hynnä

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## FULL-STACK SOFTWARE ENGINEER

Full-stack software engineer with over 10 years of independent experience, of which two years professionally. MSc in Physics with a minor in computer science, but software development skills mainly self-learned. I am a generalist by heart but I have lately worked mainly on web2 and web3 full-stack development, mainly with React, Node, and Rust. I love to geek out over everything about computers and I can jump to new technologies very fast. I highly recommend to view my portfolio (link above) as I have explained all my work and projects in detail there, and it includes a bit more information about me also.

## KEY COMPETENCIES

Rust	TypeScript	Blockchain & Smart Contracts
CI/CD with Github Actions	Node.js	Unit & Integration Testing
Python	Astro	Algorithms
React	Project Management	

## PROFESSIONAL EXPERIENCE

**Laina** Apr 2024 - Present

**Founder & Developer**

Designed and developed a smart contracts based decentralized lending & borrowing platform on the Stellar blockchain. Backend is completely blockchain based and the contracts are written in Rust. Front-end is a combination of Astro and React. CI/CD pipeline was done using Github Actions and we have proper unit and integration testing. Product still under development, but it's running on Stellar testnet: [laina-de.fi](#).

**University of Turku** Nov 2023 - Present

**Data Management Expert & Project Coordinator**

Deployed a research data storage for the materials engineering unit. Gave training on data management and FAIR principles. Coordinated the largest solar energy research project in Finland (RealSolar). In addition I built models for solar energy production approximation using Python and handled our chemical procurement.

**Medicortex Finland Oy** Jan 2023 - Nov 2023

**Project Manager**

Kickstarted a new project inside the company. Ran a research team of two persons in the combined field of biotech and electromagnetism. Bulk of the work consisted of writing numerous funding applications, especially to Business Finland and US. Department of Defence.

**No loss lottery:** A decentralized lottery where no one loses. Achieved 2nd/300 in a Dorahacks hackathon.

**Denetui:** In-terminal newspaper with latest developer news. Built purely with Rust.

**Kumpisähkö.fi:** Webapp to compare electricity plans with your own consumption data. Uses NextJS & Neon.

**And many others. See my portfolio or Github.**

## EDUCATION & CERTIFICATIONS

**MSc. Physics**

Majors: Industrial and Materials Physics  
Minors: Mathematics, Computer Science, Business

**IPMA-D**

International Project Management Association  
certificate level D.

## REFERENCES

**Konsta Purtsi**

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