


Teemu Hynnä

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SOFTWARE DEVELOPER

Software developer transitioning from a background in applied and computational physics to pursue a career in full-time software development. I have solid programming and problem-solving skills, along with experience in version control and CI/CD workflows. In addition to my current position at University of Turku, I'm building Laina, a personal project that has been fully funded by the Stellar Community Fund. I have experience in a wide variety of technologies but my strongest skills are in smart contract development with Rust.

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.

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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