

Samuli Oliver Reijonen

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SUMMARY

Helsinki-based backend engineer with 4+ years of professional experience and a B.Sc. in Computer Science from the University of Helsinki (2026). Experienced in backend architecture, data modeling, external API integrations, and containerized infrastructure.

EXPERIENCE

Freelance Software Developer

Jan 2021 – May 2023

Higherplane Clothing

Helsinki, Finland (Remote)

- Built a greenfield e-commerce platform, owning backend architecture and implementation from initial requirements through a production-ready system.
- Designed separate customer-facing and administrative application surfaces, with domain logic covering product catalog, carts, checkout, order management, and catalog administration.
- Integrated payment, taxation, and fulfillment providers into the checkout lifecycle, handling external service boundaries across Stripe, PayPal, Avalara, Posti, and UPS.
- Modeled and implemented the platform's relational data layer and containerized the application for reproducible development and deployment.
- Technologies: TypeScript, Node.js, PostgreSQL, Redis, Docker.

Software Developer

Oct 2018 – Nov 2020

Supervisor Cloud

Helsinki, Finland (Remote)

- Developed browser automation software for a load-testing platform that replayed realistic user journeys across 10,000+ simultaneous browser instances to expose website bottlenecks under traffic spikes.
- Built the initial browser-automation scripts, then owned development of a browser extension that recorded user input and navigation for replay during large-scale load tests.
- Owned development of the Docker environment running each automated browser, including telemetry collection, real-time screen streaming, and intelligent recognition of automation state using computer vision.
- Technologies: TypeScript, Node.js, React, C/C++, Rust, Chrome DevTools Protocol, Redis, OpenCV, Tesseract OCR, Docker.

Technical Support & Makerspace Assistant

Jan 2017 – Jul 2017

Sello Library

Espoo, Finland (On-Site)

- Handled musical equipment loans and practice room reservations at the front desk.
- Provided walk-in IT support and guided customers in using 3D printers and media digitization equipment.
- Led 3D-printing workshops for groups of 10–15 participants.

EDUCATION

University of Helsinki

Aug 2023 – May 2026

B.Sc. in Computer Science

Omnia Vocational College

Aug 2016 – May 2019

Information and Communications Technology

Specialization: Software Engineering

SKILLS

Languages: TypeScript, JavaScript, Rust, C/C++, SQL

Backend: Node.js, Express, REST APIs

Frontend: React, Remix, Tailwind CSS

Databases: PostgreSQL, SQLite, MongoDB, Redis, Mongoose, Prisma ORM

Infrastructure: Docker, GitHub Actions, Cloudflare, DigitalOcean, Exoscale, Linux

Tools: Git, CMake, Conan, OpenCV, Tesseract OCR, Whisper ASR

AI Engineering: OpenAI API, Anthropic API, Model Context Protocol (MCP)