Konsta Purtsi

Senior Software Engineer
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LinkedIn
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Profile

Finnish software engineer specializing in high-quality web applications, with consulting experience across healthcare, media, quantum computing and cryptocurrency.

Founder of Purtsi Consulting and currently working as an independent consultant. Previously employed at Arado, Identio and Vincit.

Work history

Founder & Software Engineer — Purtsi Consulting

Feb 2025 – Present

Founded a software consulting company in 2/2025 and moved to it full time in 5/2025. Works as an independent consultant building web applications for clients.

Continued a client engagement started at Arado as a subcontractor until 6/2025.

- Led a six-person development team building a multi-tenant SaaS for healthcare service pathways, covering both the professional user interface and the patient client applications.
- Led the adoption of Claude Code at a client that had very little prior use of AI tools, and coached developers on using it.

TypeScript, tRPC, Fastify, Kysely, PostgreSQL, Vite, React, Tailwind, Playwright, Azure, Kubernetes, AKS, Claude Code

Co-founder — Laina DeFi

Jul 2024 – Dec 2025

Co-founded a DeFi lending and borrowing platform built on Stellar smart contracts. Worked on UI/UX design, architecture and development of every part of the decentralized app, using Claude Code extensively throughout development.

Rust, Web3, Smart Contracts, TypeScript, React, Tailwind, Astro, Vite, Vitest, PostgreSQL, Figma, Claude Code

Senior Software Engineer — Arado

Sep 2022 – May 2025

Worked as a software consultant on web applications for quantum computing and cryptocurrency clients, and continued web application work for a private hospital.

- Built the next-generation control software for an industrial cryostat used to cool quantum computers near absolute zero.
- Designed and built software for cryptocurrency yield and legal compliance, in a team with a high standard for software and testing quality.

REST, GraphQL, TypeScript, Node.js, Python, Java, React, Redux, MUI, Next.js, NestJS, tsoa, Spring Boot, PostgreSQL, Vite, Vitest, Jest, Storybook, Testing Library, Google Cloud Platform, Playwright, Typeform, Cursor

Senior Software Engineer — Identio

May 2020 – Aug 2022

Worked as a software consultant on web applications for healthcare and marketing technology clients.

- Architected and built a rule-based marketing automation engine that let admins create logical rules on user activity to trigger marketing automations.
- Worked on a large Finnish hospital's patient web portal, used for booking visits, viewing lab results and integrating with other healthcare platforms.

- Built the new version of a private hospital's web application and was responsible for the logged-in user's services.

REST, Node.js, TypeScript, Express, Runtypes, PostgreSQL, AWS, Terraform, Kubernetes, React, Redux, Material UI, MUI, Next.js, Java, JavaScript, Liferay, MySQL, Bootstrap, Google Cloud Platform, Storybook, Playwright

Software Developer — Vincit

Feb 2018 – Aug 2019

Worked as a software developer on web applications for media clients.

- Helped build a new and improved version of a public broadcaster's journalism portal, used to plan journalism for multiple platforms.
- Took part in building a sales management system for a media company and was responsible for generating receipts from the system.

React, Node.js, Redux, Bacon.js, Less.js, MongoDB, Express, REST, Kotlin, TypeScript, Spring Boot, MySQL

Software Developer / Summer Trainee — University of Turku (ViLLE team)

Apr 2016 – Aug 2016

Worked in the ViLLE team on an interactive learning platform used by students from early education to university level.

- Built an error parser that reads Java stack traces, finds the underlying issue, counts similar errors and opens and tags issues in GitLab.
- Wrote end-to-end UI tests with Java and Selenium.

Java, Vaadin, Python, Selenium, GitLab

Skills

Languages

TypeScript, JavaScript, Java, Kotlin, Python, Rust

Frontend

React, Next.js, Redux, MUI, Tailwind, Vite, Astro, Storybook, Less.js, Bootstrap, Vaadin

Backend

Node.js, Express, Fastify, NestJS, tRPC, Spring Boot, tsoa, Kysely, Runtypes, REST, GraphQL, Liferay

Databases

PostgreSQL, MySQL, MongoDB

Testing

Playwright, Vitest, Jest, Testing Library, Selenium

Cloud & DevOps

AWS, Azure, Google Cloud Platform, Kubernetes, AKS, Terraform

Web3

Web3, Smart Contracts, Stellar

Tools

Claude Code, Cursor, Figma, GitLab

Education

Master of Science (Technology), Software Engineering — University of Turku

Sep 2016 – Dec 2022

Master's thesis on GDPR-compliant handling of patient data in the cloud (GCP), including a proof of concept for how encryption could work in a GDPR-compliant way.

Certifications