Ville Nordlund

Senior product engineer / Helsinki, Finland

EMAIL hello@villenordlund.fi
WEB villenordlund.fi
PHONE +358 44 493 8731
LINKEDIN in/ville-nordlund



I take products from idea to finished solution, from the interface people use to the architecture underneath.

Ten years in, I know what keeps a product fast to work on a year later: clear architecture, written decisions and checks that catch mistakes early. I build codebases where people and AI agents work without friction.

AI ENGINEERING

CONTEXT ENGINEERING

I design what a coding agent knows before it writes a line: rules scoped to the directories they govern, skills for repeated workflows, and decision records that explain why. Checks keep that context from going stale.

MECHANICAL VERIFICATION

Rules that matter are enforced by code, not prose: guard tests that scan the source, custom lint rules, database probes in CI and a local gate that mirrors it. When an agent breaks an invariant, the change fails.

DAILY PRACTICE

Coding agents across explore, write, test and review, at work and on my own product, where those checks are the only other reviewer.

EXPERIENCE

APR 2025 – NOW
HELSINKI

`React` `Next.js` `TypeScript` `Tailwind` `Radix` `TanStack Query` `Mapbox GL` `Storybook` `Chromatic` `Clerk` `Sentry`

Senior product engineer

Clock & Cloud Intelligence

Clock & Cloud helps companies understand how geopolitical developments affect their business, combining expert analysis with a platform used by multiple organisations.

- Own the frontend: the tools customers use to map risk, analyse exposure and share findings across their organisation.
- Take flagship features from design proposal to release end to end, including the NestJS APIs over PostgreSQL/PostGIS and Redis behind them.
- Built the design system (tokens, type scale, component library) Storybook first, so designs are signed off as interactive prototypes before production code exists.
- Introduced TypeScript, built the testing suite and CI/CD from nothing, and wrote the frontend architecture docs.
- Made the codebase agent-ready: docs, ADRs and conventions an agent can act on without a human re-explaining the system.

MAY 2023 – APR 2025

`React` `Next.js` `TypeScript` `Material UI` `Storybook`

Senior frontend developer

Qreform

Part of the team that rebuilt the company's HSEQ (health, safety, environment and quality) management platform from scratch, focusing on the frontend and its Storybook component library.

FEB 2022 – FEB 2023

Vue
Contentful
Tailwind

Senior software developer

AutoVex

Modernised the frontend of an online car-auction platform, improving both its functionality and its user experience.

SEP 2020 – FEB 2022

Head of Design and Service Development

Nordic Morning

Led a design and service development team of developers, a graphic designer and a service designer, delivering digital services tailored to each client's needs.

MAY 2017 – SEP 2020

JavaScript
Craft CMS
Twig
Tailwind
Shopify

Developer

Agency Leroy

Visually rich websites and web shops for a creative agency's clients.

DEC 2014 – NOV 2017

Developer & designer

Self-employed

Started my developer career as an entrepreneur, providing web design and development services.

SIDE PROJECT

SOLO
BUILT WITH
CODING AGENTS

React Native
TypeScript
NestJS
PostgreSQL
PostGIS
Supabase
Redis
Mapbox
Cloudflare Workers

Know what your dog needs today

A mobile app that tells owners whether their dog is getting enough, and what to do about it, based on breed, age, fitness, weather and every walk logged. Coding agents write most of the code, inside an engineering system I designed to keep them honest.

SKILLS & BACKGROUND

ARCHITECTURE	Modular systems with clear boundaries and data contracts, decisions recorded in ADRs, and refactors that keep risk from growing with the product.
FRONTEND	Product frontends and design systems in React, Next.js, React Native and Vue: tokens, type scales and component libraries, built Storybook first.
FULL STACK	Secure multi-tenant platforms on NestJS and Node.js: REST or GraphQL over PostgreSQL, PostGIS, Redis and MongoDB, with role-based access control.
PLATFORM	TypeScript, automated tests and CI/CD; production on Vercel, Railway, Supabase, AWS, Azure and GCP.
DESIGN & TEAMS	UX, interactive prototyping, and leading design and development teams.
EDUCATION	Marketing studies, Oulu Business School, University of Oulu
LANGUAGES	Finnish (native), English (professional working proficiency)