

Kim Aare Asplund

AI AGENT ENGINEER | AUTONOMOUS AGENTS IN PRODUCTION

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Vaasa, Finland (EET) | remote in Europe or EU relocation

PROFESSIONAL SUMMARY

AI agent engineer who builds agents that run on their own and do real business work. Built and runs **Aino**, a production AI agent on Nous Research's Hermes Agent with Claude that handles a product line's EU B2B sales end to end: prospecting, outreach and customer correspondence in all 24 official EU languages (four live), the CRM, and orders booked into Odoo through to invoice. It is live and generating sales. Measures agents before trusting them: built **skill-gauntlet**, a blind A/B harness for skills, prompts and agent configurations, and published every scorecard, negative results included. Connects agents to third-party and internal tools through 10+ MCP servers and API, CRM and ERP integrations. Works with Claude, OpenAI and open-source agent frameworks in Python (expert) and TypeScript. 20+ years of must-not-fail technical service engineering before moving into AI in 2020. Public work: github.com/kimasplund.

CORE COMPETENCIES

Autonomous AI Agents in Production

Agent Tool Integration: MCP, APIs, ERP

Measuring Agent Results: Blind A/B Evals

Multi-Agent Orchestration

Guardrails & Human Approval Gates

Claude, OpenAI & Open-Source Agent Frameworks

Adopting New Models & Agent Frameworks

Python, TypeScript & PostgreSQL

WORK EXPERIENCE

OnePoi Ltd / Self-Employed 2020 - Present

AI/ML Engineer & Automation Developer

AI and automation work through OnePoi Ltd until June 2025, self-employed since.
Vaasa, Finland

- Built and run **Aino**, an AI agent that runs the EU B2B sales of a product line at Ihohud Vaasa Oy Ab end to end: prospecting, outreach and customer correspondence (prepared in all 24 official EU languages; Finnish, Swedish, Polish and English live), CRM, and orders booked into Odoo through delivery to invoice. Built on Nous Research's Hermes Agent with Claude. **Live in production and generating sales.**
- Designed Aino's guardrails in code, not prompts: a banned-claims preflight across 18 languages (EU cosmetics/biocide rules), a tool-call guard hook, approval gates before new markets or languages go live, and audit trails for opt-outs and customer promises
- Built **10+ MCP servers** that give AI agents tools (mcp-pypi is public on GitHub and PyPI) and **35+ custom Claude Code skills**
- Measure results before trusting agents: rubric-based quality scoring per agent, with a designed retirement rule for patterns under 40% success after 10 uses, and blind A/B evaluation of agent skills with skill-gauntlet (see Projects)
- Designed a multi-agent development system used for engineering, security review and research: ~95 specialized Claude Code subagents (25 in the active set) in an orchestrator / planner / worker hierarchy, with shared agent memory in ChromaDB
- Built **LCTL**, an open-source time-travel debugger for multi-agent LLM workflows: replay and diff agent runs, with tested integrations for 8 agent frameworks plus Claude Code
- Developed custom Odoo 14-18 modules for commerce: POS payment integration (Nexi), booking, Amazon marketplace connector
- Built ML research pipelines with walk-forward and out-of-sample validation that exposed an inflated backtest before it was trusted

Ihohud Vaasa Oy Ab 2004 - Present

Manager

Vaasa, Finland

- Manager since 2010; VP & Owner 2004-2010. Deployed Aino (see above) to run a product line's EU B2B sales
- ERP/CRM/POS system implementation and maintenance
- Technical operations and support for medical device systems: installation, commissioning, and preventive maintenance
- Customer training and documentation (FAQs, troubleshooting guides)

IT Support & Cloud Services

Self-employed from 2000; through OnePoi Ltd (Business Owner) 2013-2025.

Vaasa, Finland

- E-commerce platform development and API integrations
- B2B infrastructure projects and server/desktop support
- Network infrastructure maintenance and automation

Ostrobothnia Rescue Department (Österbottens räddningsverk)

1997 - 2009

Fireman & Ambulance Medic

Malax (fire) & Vaasa (ambulance), Finland

- Group leader and training coordinator; emergency response team coordination
- Technical and medical equipment maintenance

PROJECTS

thinkbetter-skills [Open Source \(MIT\)](#)

skill-gauntlet is a pre-registered, blind, regression-guarded A/B harness for evaluating skills, prompts and agent configurations; every skill's scorecard is published in the repo, negative results included. Also premortem-evolved, option synthesis and nine reasoning patterns. Ships as a Claude Code plugin and installs into other agents (Codex, Gemini CLI, Cursor and more) through the skills CLI.

Agent Skills, Claude Code plugin, evaluation harness

LCTL: LLM Context Trace Library [Open Source \(AGPL-3.0\)](#)

Event-sourced trace of every agent action: replay a run to any step, diff two runs to find where they diverged, analyse bottlenecks and token use. Auto-instrumentation for LangChain, CrewAI, AutoGen, OpenAI Agents, PydanticAI, Semantic Kernel, DSPy, LlamaIndex and Claude Code, each with its own tests; web dashboard and VS Code extension.

Python, TypeScript, event sourcing, CI

mcp-pypi [Open Source \(MIT\)](#)

Open-source Model Context Protocol server that gives AI agents tools; public on GitHub and PyPI (MIT, ~18k lines).

Python, MCP

EDUCATION

PC Support & Network Installer [KKC Korsnäs](#)

1995-2001

Healthcare Assistant / Ambulance Medic [Arcada Helsinki](#)

1995-1998

CERTIFICATIONS

AWS Solutions Architect Associate

[Amazon Web Services](#)

2020

SKILLS

LLM/Agents: Claude API, Hermes Agent, OpenAI, MCP, ReAct patterns, Chain-of-Thought

Programming: Python (expert), TypeScript, JavaScript, Rust (advanced), SQL, PowerShell

Data & Cloud: PostgreSQL, Redis/Valkey, ChromaDB, LanceDB, TimescaleDB, GCP, AWS, Cloudflare Workers

DevOps & Automation: Docker, Kubernetes, GitHub Actions, Terraform, CI/CD, Odoo ERP

AI/ML: PyTorch, CUDA, RAPIDS/cuDF, XGBoost, LightGBM, Transformers

Languages: Swedish (native), English (professional fluency), Finnish (good working knowledge)