

Kim Aare Asplund

AI AGENT ENGINEER | AUTONOMOUS AGENTS IN PRODUCTION

kim.asplund@gmail.com | linkedin.com/in/kim-asplund | github.com/kimasplund | asplund.kim |

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 four languages, 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 in Finnish, Swedish, Polish and English, 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)