

Fredrik Bränström

Senior full-stack engineer & AI orchestration architect

Friendly neighbourhood cross-disciplinary problem-solver. Incurable world-improver, philosophy nerd, generalist coder.

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We're in the era when civilization either starts coordinating in time, or it doesn't survive what it has become. We should ask: how do we help groups and societies reason, attend, care and act together more clearly? Most of what I build is one small piece of an answer, sometimes household-sized, sometimes civilizational in aspiration.

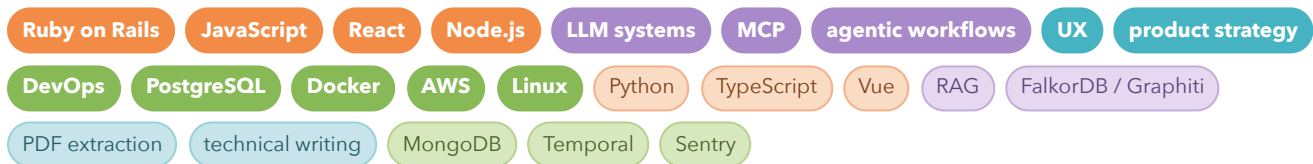
Bridge-building between people, systems and ways of thinking has been the common thread. The last few years have been a deliberate recovery and rebuild after burnout, plus a deep dive into AI-native development practice: Aider → Cursor → Claude Code from early adoption, multi-agent orchestration, production LLM workflows with cost/latency awareness. The early investment has let me realize more of my own ideas than ever before.

Looking for a sustainable senior consulting employment shape: technically demanding, preferably AI-heavy, where UX, product, and market judgment matter alongside the code, with room for deep work, a sustainable rhythm, clear ownership, and the company of small but high-trust, high-capability teams.

"Rock-solid developer packed with helpful thoughts and rich experience across the web stack. Constantly evolving and eager to learn."

Didde Brockman, former CPTO, Dreams Nordic

SKILLS



HIGHLIGHTS

- Early developer of B2B order and e-prescription systems for one of Sweden's leading pharmacy startups ApoEx, fueling rapid expansion and eventual market dominance in the B2B healthcare sector.
- Co-founded a health analytics startup, leveraging cutting-edge statistical theory and wearable tech to uncover and visualize causal relationships in health data.
- Built backend for social features of the fintech startup Dreams iOS app, integrating psychology and AI to help users save money effectively.
- Engineered a client application for Tobii's innovative eye-tracking analytics, transforming attention market share measurement for top industry brands.
- Designed and built a portfolio of production AI systems: household-automation dashboard (rent + IoT + BankID-signed contracts), PDF-to-structured-record pipelines, shared-reasoning infrastructure, AI-titled print-on-demand, financial-breathing-room tooling, MCP-enabled invoicing, workflow automations for a construction engineer, drift-aware fleet tooling, and upstream knowledge-graph + MCP contributions.

SELF-DIRECTED AI SYSTEMS, PRODUCT WORK AND SELECTIVE CONSULTING

2023–2026 · Independent, Sarpetorp / Stockholm

Python, Ruby/Rails, TypeScript/JavaScript, LLM APIs, MCP, RAG, Graphiti/FalkorDB, PostgreSQL, SQLite, Docker, Temporal, PDF extraction, Sentry, Kamal, macOS/Linux.

Production AI document processing

Designed and built a paid operator-facing platform that turns dense Swedish PDFs into structured records, validates them through independent extraction/QA passes and drives downstream submission. Quietly compresses a repetitive specialist data-entry workflow into review-and-submit oversight, with real acceptance feedback.

Shared reasoning at scale

Deliberus wagers that civilization isn't short on facts or persuasion but on the infrastructure to make disagreement *legible*: decomposing any claim into premises, evidence, critical questions and the worldview lenses that weight them differently, until the crux is locatable. Other AI efforts focus on verifiable knowledge; Deliberus also tackles normative issues.

Financial breathing room

Din Mamma / Debt Intelligence Module / DIM is Swedish obligation intelligence built around a positive aim: enough calm and clarity that bills, reminders and inkasso can be handled before they become shame, fees or crisis. Fuses Kivra and bank/creditor data flows into one trusted picture.

Operational tools and ambient AI

Drift-aware fleet tooling (nit/hemma) keeps my machines reproducible and safe for concurrent AI work across dotfiles, secrets and system provisioning. Also Invoicey (MCP-enabled Rails invoicing with web UI/CLI), voice AI over project context, Graphiti memory and Home Assistant/IoT tools.

ArtoMatic

Print-on-demand pipeline for the artist Sam Rosen: ~1,040 artworks turned into vision-based AI-titled, six-literary-style listings with full Shopify integration, parallel processing and thread-safe error recovery. The project where I really started getting seriously experienced about LLM API calls woven into production workflows.

Cohabit

Household-automation dashboard for the shared house I live in: rent calculation across roommates with auto-fetched electricity bills and Swish reconciliation, BankID-signed digital contracts, heat-pump scheduling tied to live electricity prices, presence-aware lighting, plus an at-a-glance view of bus departures, shared calendar, gardening chores and greenhouse automation.

Smaller engagements

Auto-invoice-matching, admin and website for the private preschool that my parents own and operate.

Vector-embedded all my codebases for semantic search across them via Pinecone (2023), built before Cursor made code-vector tooling mainstream.

Workflow automations for a construction engineer: native Revit 2025/2026 add-in (material takeoff, grid-location tagging, QA/QC, JSON/CSV export) plus 14 Swedish Claude Code skills for KA-utlåtanden, riskbedömningar, kontrollplaner and structural-document generation – verified across 5 client engineering projects.

EXPERIENCE

2018

Frontend Developer

Tobii AB

Helped develop frontend for eye-tracking based attention market share analytics. Visualized the impact of marketing investments for brands across telecom, insurance and banking.

Vue.js, Chart.js, Node.js, JavaScript, HTML/CSS, AWS.

2016–2017

Senior Fullstack Developer

Lloyds Apotek, via Bizkit Havas

Maintained and developed a large Swedish pharmacy e-commerce platform. Extended and redesigned order flow, wrote automated tests, modernized frontend areas, and supported backend/system administration.

Ruby, Rails, React, jQuery, HTML/CSS.

2017

Frontend Developer

Always AB

Built a React Native foundation for a mobile app aimed at outdoor professionals, creating the embryo of a service for field-oriented workflows.

React Native, React, GraphQL, Node.js, JavaScript.

2016
2026

Selected smaller client engagements

Freelance / product-adjacent work

- **HiHenry / Henry Labs (2016):** React/Reflux/Node frontend contract for an AI/SMS feedback platform, including auth/API integration and Trello-backed delivery.
- **FitnessCollection (2019):** short SCA checkout and Stripe adaptation in a GCP Cloud Functions/Datastore context.
- **Linn Agency (2025-2026):** designed, built and hosts linnagency.se and the RSVP/contact form backend at forms.linnagency.se.

React, Reflux, Node.js, GCP, Stripe, static HTML/CSS, Sinatra, Resend, Kamal.

2015

Backend Developer

Dreams Nordic AB

Built backend for social features in the Dreams iOS app, which helped users save money for dreams together with friends using psychology/CBT and machine-learning informed product thinking. Redesigned internal AMQP documentation.

Ruby, Rails, Node.js, AMQP, SQL, JavaScript, some UI/design.

2015

Fullstack Developer

Hemnet Service HNS AB

Developer on Kundportalen, the internal Rails/React portal where Hemnet's broker customers managed listing assignments and account workflows. Worked across customer/account/listing surfaces alongside the in-house team.

Ruby on Rails, React, JavaScript, CSS.

2014
2016

Founder, Fullstack Developer

Kaus, SU Inkubator

Co-founded a health analytics startup with Tom Everitt and a cross-functional team around Pearl-inspired causal inference: a product that fused multi-source personal data (wearables, electricity meters, geodata, social media, self-logged context) into pedagogical visualizations of causal relationships in users' own physical and psychological lives. Drove product discovery with researchers, SU Inkubator pitch and team-building work, and the Meteor prototype; collaborated with Tom on the R causal-inference core and the interactive graph UX.

R, causal discovery, statistics libraries, JavaScript, Meteor, MongoDB, Cytoscape.js, HumanAPI, UX, product strategy.

2010
2014

Software Engineer

ApoEx AB

First developer beside the founders at an IT-heavy pharmacy startup. Built and maintained Rails/JavaScript systems for e-prescription and B2B order flows (private dentists, hospitals and veterinary hospitals), NetSuite SuiteScript/RESTlet/Suitelet integration for customer/product/order/fulfillment workflows, patient CRM, home-delivery, dialysis ordering for the Stockholm area, customer inventory, logistics and support tooling – including follow-up of a veterinary self-scan medication-reordering setup. ApoEx later scaled to 589 employees and SEK 1.42B turnover (2024).

Ruby, Rails, JavaScript/CoffeeScript, jQuery, SQL, Linux/Ubuntu, web/graphic design.

2007

Frontend Developer

DanceJam

Helped develop the DanceJam beta/promotion site.

Ruby on Rails, JavaScript, CSS, HTML, Photoshop.

2001-2010

Software work, freelance and early projects

Paid teen-era web work after having programmed since childhood: built a real-estate platform/site for a local Härnösand real-estate company, designed and modified phpBB forums for 64bits.se, then moved through freelance web/Rails work.

BOARD, RESEARCH AND COMMUNITY

- **Människa+**, board member, 2010–2014. Think tank exploring risks and benefits of radically disruptive technologies.
- **Unga Humanister**, board member and vice president, 2010–2014. Promoted critical thinking in Swedish schools.
- **EA Sweden / Global Happiness Organization**, board and community work around effective altruism, philanthropy, talks and impact-oriented networks.
- **Leverage Research**, internship, 2013. Research on collaborative argumentation software systems and early Deliberus ideas.

EDUCATION

- **Härnösands Gymnasium**, Media and communication.
- **University of Gothenburg**, attended Theoretical Philosophy / Artificial Neural Networks, 2009.
- Mostly self-educated through projects, codebases, books, docs, communities and unusually broad curiosity.

OPEN SOURCE & CONTRIBUTIONS

Maintain **nit** and **hemma** (drift-aware AI-era dotfiles and fleet management), **spela** (single-binary torrent-to-Chromecast media controller), **Lins** (graph explorer for FalkorDB), **karabiner-mods** (40+ AI-workflow shortcut taxonomy on a dual-purpose CapsLock layer), **project-launcher** and **system-sentinel**. Upstream contributions: a fork of **graphiti-core** adding project isolation for multi-project knowledge-graph memory, and a patch to **anyio** fixing a 37% idle-CPU spin in any persistent-async workload.

INTERESTS AND VALUES

AI safety, collective sensemaking and how groups become wiser together; consciousness research and the qualia/phenomenology project (Carhart-Harris's entropic-brain framework, the Qualia Research Institute, Rosa's resonance theory, McGilchrist on right-hemisphere attention, Vervaeke on participatory knowing); complexity theory, transhumanism, rationality, evolutionary biology, game theory, social systems; authentic relating, circling and the practice of meeting each other cleanly; music, cooking, meditation, dance; festival art and light installations, including Burning Man.

ACADEMIC AND INTELLECTUAL CONTEXT

I have never held a formal academic position, but I am academic at heart: thinking freely, following arguments wherever they lead, and integrating ideas across fields is central to how I work. I participated in the first pre-CFAR Rationality Minicamp in 2011, interned at Leverage Research in 2013, attended EAGx Oxford in 2016 through EA Sweden, and have long-running friendships and connections across EA, rationality, AI safety, metamodern, startup and academic-adjacent communities.

REFERENCES

Didde Brockman, Dreams Nordic

Tom Everitt, Google DeepMind / Kaus

Fraser Campbell, Tobii

Anton Lundborg, Always

Chris Lind, Lloyds Apotek / Bizkit Havas

David Lundborg, Kaus

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