

EXPERIENCE

Senior Product Engineer, Chatsheet AI

Nov 2024 – Mar 2026

- Developed a collaborative LLM development and evaluation product from an early prototype, working across the frontend and Go services to support model comparison, structured outputs, result evaluation and automated prompt optimisation across OpenAI, Anthropic and Google models
- Maintained the shared Go LLM routing library supporting OpenAI, Anthropic and Google models, adding OpenRouter support and centralising model/provider selection for a Vertex AI migration
- Implemented collaboration workflows spanning persistent AI chat with sheet context, human task assignment and team management across UI, APIs, data models and background jobs
- Separated the product and marketing applications into independently deployed systems and ran production releases, building deployment tooling across the web app, Go backend, Kubernetes / Flux and Vercel

Product Engineer, Chatsheet AI (formerly Find AI)

Apr 2024 – Nov 2024

- Built the customer-facing frontend for a RAG-based search product over ~5M indexed records covering people, companies and investors, combining retrieval with LLM-driven search and result generation
- Rebuilt the application frontend in SvelteKit as part of a migration from a Rails monolith to Go services, establishing the frontend architecture and API integration patterns for the new product
- Improved the performance, reliability and mobile usability of search and public pages through caching, asynchronous loading and more robust live result updates

Consultant, Altera Consulting

Mar 2022 – Dec 2023

- **Cartier:** Led product design for an internal retail operations platform, conducting research with management and retail users and translating workflows into product requirements through implementation and QA
- **Pernod Ricard:** Developed and piloted a regional sales data platform with acquisition and transformation pipelines for 10–20M POS transactions / month (Databricks / Python, Snowflake, Azure, AWS)

Doctoral & Postdoctoral Researcher (HCI), Keio University

Apr 2018 – Mar 2024

- Designed, built and evaluated end-to-end interactive systems combining custom hardware, real-time sensing and data processing and user-facing software, across wearable computing, physiological sensing, VR / AR and eye tracking
- Doctoral research on thermal and haptic feedback in mixed reality: built wearable thermal displays with Unity and Unreal Engine integrations and ran perception experiments and user studies with them
- Co-authored 15+ peer-reviewed publications, with papers and working demonstrations at CHI, SIGGRAPH, MobileHCI, IEEE VR, UbiComp / ISWC and VRST and a journal article in ACM TOCHI
- Lead organiser of the Eyewear Computing workshop at UbiComp / ISWC 2021, co-organiser and Program Committee member of the Augmented Humans 2022 conference
- Collaborated with industry partners (NTT, NTT Data, JINS) and contributed to government-funded research programmes (JST CREST, JST PRESTO, Cybernetic Being Moonshot)

Full-Stack Web Developer, Freelance

2014 – 2015

Ruby on Rails Developer, Evercode Lab

2012 – 2013

- Built and maintained production web products for startups across e-commerce, social platforms and specialized services, working with Ruby on Rails, Backbone.js / Ember.js, Redis, MySQL / MongoDB and AWS

EDUCATION

Ph.D. in Media Design (Human-Computer Interaction), Keio University, Tokyo, Japan

2018 – 2021

Thesis: Thermal Suite: Investigating Temperature Modality in Mixed Reality

Master of Media Design, Keio University, Tokyo, Japan

2015 – 2018

Global Innovation Design via Royal College of Art / Imperial College London, UK and Pratt Institute, USA

Specialist in Information Systems Engineering, ITMO University, Saint Petersburg, Russia

2009 – 2014

TECHNICAL

Languages & frameworks: Python, TypeScript, Go, Svelte / SvelteKit, React / Next.js, Ruby on Rails

AI & interactive systems: LLM APIs (OpenAI, Anthropic, Google), RAG / search, evaluation tooling, Unity, Unreal Engine

Data & storage: PostgreSQL, Redis, Elasticsearch, Databricks, ClickHouse, Snowflake

Infrastructure: AWS, GCP, Docker, Kubernetes, Grafana