Connor Hergott

Senior Software Engineer | Frontend & Agentic Systems

Thousand Oaks, CA • CHergott.com • LinkedIn

Senior Software Engineer with 9+ years building complex React / TypeScript applications for enterprise platforms, now focused on the interfaces and protocols that let AI agents take real actions safely. Built Model Context Protocol (MCP) extensibility experiences at Microsoft and an end-to-end agentic job-search platform independently. Strong in accessibility (WCAG/ARIA) and client-side security, with Claude Code as both a daily development tool and a component inside agentic products.

Technical Skills

- **Frontend & Architecture:** TypeScript, React.js, Next.js (App Router), Node.js, Redux, React Query, Design Systems (Fluent UI, Radix, MUI), Cross-Window Communication (postMessage)
- **Quality & Security:** WCAG / WAI-ARIA, Core Web Vitals, Client Security (CSP, CORS)
- **Agentic & AI Systems:** Model Context Protocol (MCP) servers and tools, Claude Code (headless automation), GitHub Copilot, Tool Calling, Context Engineering, Structured-Output Parsing, Human-in-the-Loop Workflows
- **Tooling & Testing:** Playwright, Jest, pytest, Vite, Git, CI/CD, Telemetry
- **Backend, Cloud & Data:** Python, Azure, AWS, REST APIs, PostgreSQL

Experience

Microsoft

August 2023 – September 2026

Senior Software Engineer • Copilot Studio • hundreds of thousands of users

- **Built agent-extensibility experiences for the Model Context Protocol (MCP)** in Copilot Studio, including tool creation wizards, popular-connector quick-adds, and Activity Map visualizations that expand how agents discover and connect to external tools.
- **Architected and shipped end-to-end workflow sharing** in React/TypeScript across Dataverse, Flow-RP, and Graph APIs, resolving asynchronous race conditions and connection-binding defects that blocked users from sharing workflows.
- **Owned the Component Collections feature area** with 3 other developers, engineering multi-step configuration wizards that resolved dependencies between components and kept their state in sync.
- **Shipped daily** into a ~100-engineer codebase, using Claude Code and GitHub Copilot for implementation and review.

Nuance Communications

June 2017 – July 2023

Senior Web App Developer

- **Served as technical lead for the flagship Agent Desktop application**, the web app thousands of contact-center agents used daily to handle customer conversations across chat, messaging, and voice channels for enterprise clients worldwide.
- **Spearheaded Nina Coach**, a real-time assistance engine that handed conversations from automated Virtual Agents to live agents with context and suggested guidance, so agents could resolve escalations without starting from scratch.
- **Engineered the Cobrowse framework** using secure postMessage channels and isolated DOM serialization, enabling real-time agent co-browsing under strict CSP compliance.
- **Launched Agent-Pushed Content**, letting agents send rich media, interactive forms, and transaction flows directly into live chat sessions so customers could complete tasks without leaving the conversation.
- **Directed cross-functional development** for international teams, establishing CI/CD quality gates, linting standards, and architectural consistency.

Projects

Plants ↗ (plant-care app)

Plant-care dashboard on Cloudflare Workers and D1 (React, TypeScript, Radix) that tracks watering, feeding, and light by season alongside live local weather, with Claude-assisted care guidance.

Job Hunter ↗ (agentic job search platform)

Python MCP server exposing job search, listing evaluation, and lead-saving tools to agents in Claude Desktop, Claude Code, and Cursor, paired with a React/TypeScript app that drives Claude Code headlessly to score fit and draft cover letters and answers for human review. Pluggable job-source adapters, SQLite persistence, uv monorepo with a pytest suite.

Education

San José State University

Aug 2011 – Dec 2015

B.S. Computer Science, Mathematics Minor