Christopher Nottle

Business systems and AI implementation · Nearly 7 years in SAP · Tested, privacy-safe AI tools

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PROFILE

I spent nearly seven years running purchasing in SAP at Häfele New Zealand: purchase orders, supplier prices, weekly forecasts and matching supplier invoices to orders. I know how a business's orders, suppliers and invoices really run.

Now I build careful, tested AI tools for that kind of work by directing AI coding agents. They write the code; I decide what gets built, set the rules and test it. NZ Redact, my open-source tool that removes New Zealand personal details before text goes into AI, found 95% of the numbers and contact details and 65% of names in blind tests. I'm looking for a role helping a team put AI to work safely and in a way people actually use.

KEY SKILLS

Business systems and processes: SAP every day for nearly seven years: purchase orders, requisitions, material and supplier price records, weekly forecasts. Matched supplier invoices to purchase orders. Excel, Outlook and Teams daily.

AI implementation: Four tools and products built by directing AI coding agents, all public. Daily user of Claude and ChatGPT. Claude is connected to my Gmail, Google Calendar, Google Drive and 11 other services, with 10 saved skills that automate repeat workflows.

Privacy, security and safe AI: NZ Redact keeps personal details on the user's device, and its page is blocked from connecting to anything. My rule: the AI drafts and recommends; it does not buy, publish, send or permanently delete without my say.

Testing and documentation: Two blind tests of 30 documents each for NZ Redact. Release gates on KeaClip: nothing published unless 1,433 automated tests and a 41-check installer test passed. A public list of 30 known limits.

Communication and support: Up to around 1,400 player requests a day at Grinding Gear Games. IT support for about 50 staff. Trained new staff in purchasing and IT.

BUSINESS SYSTEMS EXPERIENCE

Purchaser January 2018 - November 2024
Häfele New Zealand

- Used SAP every day for purchase orders, purchase requisitions, material records and supplier price records, and ran weekly stock forecasts in SAP and Excel.
- Matched supplier invoices to purchase orders and sorted out differences with suppliers.
- Bought stock from Häfele's companies in Australia and Germany, and earlier from Asia, by sea, part-container and air freight, including dangerous goods, with orders of up to around NZ$500,000 in a busy fortnight.
- Worked out contract rates, minimum orders and bulk discounts with suppliers, dealt with managing directors at other Häfele companies, and trained new purchasing staff.
- Worked alongside Dell's team for several months to wipe, clean and rebuild staff computers after a company-wide cybersecurity incident.

IT Support 2016 - 2017
Häfele New Zealand

- IT support for the whole business of about 50 staff: troubleshooting, equipment and system updates. Trained new staff on the systems.

AI PROJECTS

NZ Redact Open-source tool, November 2026 github.com/Langkurst/nz-redact

- Takes New Zealand personal details (IRD, bank, NHI and card numbers, phones, emails, dates of birth, addresses and names) out of text before it goes into an AI tool, then puts them back into the answer. Runs on the user's device and cannot connect to anything.
- In blind tests on 30 NZ documents it found 95% of numbers, dates, emails, phones and addresses, and 65% of names (25% in the first version). Checking its rules against Inland Revenue's and Health New Zealand's specifications found 6 errors, each fixed with a test.
- I chose what to build and how it had to behave, and approved each release. An AI coding agent wrote the code and 99 automated tests.

Invoice checker Demo, November 2026 cn-op7qz.pages.dev

- Matches each supplier invoice to its purchase order line by line (price, quantity, missing and extra lines, GST and totals), checks Inland Revenue's tax invoice rules including the GST number check digit, and flags possible duplicate bills. Based on the matching I did at Häfele. 72 automated tests, made-up data.

SwimSorted Own product since October 2026, website and demo live swimsorted.co.nz

- An app for pool technicians that works out each chemical dose from a water test, with a safety limit on every dose. Doses checked against PoolMath on 26 cases.
- About 130 changes merged in four weeks, more than 3,000 automated tests. I make the product decisions and test it myself; AI coding agents write the code. Sign-ups open in December 2026, no customers yet.

KeaClip Windows app, 12 public releases langkurst.github.io/KeaClip

- A free Windows app for saving, trimming and sharing video and audio. I wrote the 49-section brief, set 38 working rules for the AI agents and decided what shipped; AI coding agents wrote the code.
- 12 releases in 15 days. The last two could not publish unless 1,433 automated tests and a 41-check installer test passed. A public list sets out 30 known limits.

WORK SINCE HÄFELE

Player Support Specialist December 2024 - February 2025
Grinding Gear Games · temporary, via Madison

- Answered 700 to more than 1,000 player requests on most days of the Path of Exile 2 launch, and around 1,400 on the busiest. Sorted out account, technical and purchase issues, and passed harder problems to the right team.

Pool Valet Technician January 2026 - present
The Pool Guy · casual

- Cleaning and water testing for residential pools. SwimSorted is built on this work.

Display Installer 2025
Atlantis Bathrooms · family business

- Installed shower displays in Mitre 10 and plumbing merchant showrooms.

EDUCATION

Diploma in Network Computer Engineering 2014 - 2015
Avonmore IT Tertiary Institute

Introduction to Pool Operations, NZQA Unit Standard 20046 June 2026
Environmental Training Centre

NCEA Levels 1, 2 and 3
Albany Senior High School

OTHER

New Zealand and British citizen, and able to work in Australia. Full New Zealand driver's licence. Available now for remote, hybrid or on-site work. Referees available on request.