Ace Canacan

AI Automation Engineer | Claude Code, AI Agents, MCP Servers & n8n | Python, TypeScript & API Integrations

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Portfolio: eys-55.github.io/ace-canacan-portfolio · **Work Setup:** Remote · **Timezone:** US EST / PST Overlap

PROFESSIONAL SUMMARY

AI Automation Engineer with 3.5 years in Python and workflow automation, including 2.5 years shipping Claude API integrations and self-hosted n8n workflows for US healthcare, US legal marketing, and Australian e-commerce teams. Builds AI agents, MCP servers, and Claude Code tooling (subagents, hooks, Agent Skills), gating client-facing drafts behind versioned system prompts, evals, and human review.

CORE SKILLS

AI / LLM Engineering: Claude Code (Subagents, Hooks, Agent Skills), Claude API (Tool Use, Prompt Engineering), MCP Servers, Structured Outputs
Workflow Automation: n8n (Self-Hosted, Error Handling), REST APIs, Webhooks, GoHighLevel (CRM), Shopify Admin API (GraphQL)
Languages & Infrastructure: Python, TypeScript / JavaScript (Node.js), PostgreSQL (SQL), Docker, AWS, GitHub Actions
Quality & Compliance: Evals / Human-in-the-Loop Review, PHI Masking / HIPAA Audit Controls

PROFESSIONAL EXPERIENCE

AI Automation Engineer | **Those Who Care Co** **Jun 2025 – Present**
Florida, US (Remote from Philippines) · Full-time

- Built an n8n pipeline on US-region AWS with retries and error workflows, using Claude tool-use schemas to extract payer, referral, and visit reason from 1,900 yearly web forms and OCR'd faxes at 96% staff-verified accuracy.
- Cut median business-hours first-reply time on web inquiries from 13 to 6 minutes in 3 months with a Claude routing agent that posts Google Chat alerts without PHI and feeds HIPAA-enabled GoHighLevel pipelines.
- Developed an in-house TypeScript MCP server whose 7 scheduling, eligibility, and intake-status tools give the routing agent only record IDs and status codes, replacing staff lookups across 3 systems.
- Masked direct identifiers (name, DOB, phone, member ID) in form and OCR text before each Claude API call under a BAA, re-linking results by record ID and logging every request for HIPAA audit controls.
- Raised staff approval of first-draft replies from 72% to 91% by revising versioned system prompts against a Python eval harness that scores 250 drafts per release on accuracy, tone, and escalation rules.
- Standardized PHI-free n8n QA in Claude Code with a review subagent, a deploy-gate hook, and Agent Skills, shipping runbook documentation with each of 14 releases and shortening delivery from 9 to 4 working days.

AI Automation Engineer | **Casefront Legal Marketing** **Oct 2024 – May 2025**
Texas, US (Remote from Philippines) · Contract

- Automated case-intake triage for 9 personal-injury firms with an n8n and Claude tool-use agent that classified 3,200 web leads by case type (motor vehicle, trucking, premises), misclassifying under 3%.
- Flagged adverse-party names for each firm's conflict check and incident dates nearing Texas's two-year statute of limitations as structured JSON, cutting lead screening from 25 to 8 minutes.
- Shipped, as sole engineer, the agency's first read-only Python MCP server over its PostgreSQL intake database, then onboarded account managers in Claude Desktop with a plain-language guide.
- Routed every AI-drafted follow-up through a Slack approval queue for client-firm intake staff, where 84% of 2,100 drafts passed unedited.

Shopify & AI Automation Developer | **Saltgum Supply** **Jan 2024 – Sep 2024**
Australia (Remote from Philippines) · Freelance

- Audited the CX queue, then built self-hosted n8n workflows on Docker, triggered by Gorgias HTTP integrations, that triaged 2,400 monthly tickets for a 6-person team using Shopify GraphQL Admin API return status.
- Enriched 1,150 variant listings via Claude tool use against one JSON schema, cutting catalog updates from 3 days to 5 hours per drop.
- Reduced refund resolution from 4.2 to 1.6 days by sending Shopify return/refund webhooks via REST APIs to Gorgias and a Google Sheets log.

Data Science Intern | **Eskwelabs** **May 2023 – Nov 2023**
Philippines · Internship

- Researched and scored 240 construction firms for a construction-supply partner, yielding 180 qualified accounts and 18 quote requests.
- Wrote Python scripts to scrape directories, fill contact gaps, and flag duplicate firms in Google Sheets, saving 4 hours of list work weekly.

FEATURED PROJECTS

n8n Workflow Guard Skill Pack | Claude Code, Agent Skills, Hooks, Python **Creator**
A PreToolUse Bash hook that denies n8n import:workflow and API pushes until a validator clears the exported JSON of missing error workflows, inline secrets, and unlisted community nodes. Agent Skills hold the fix steps. Caught 37 risky changes across 3 Git repositories.

Intake Reply Eval Kit | Python, pytest, Claude API, Structured Outputs, GitHub Actions **Creator**
A pytest suite that replays 120 synthetic intake scenarios against Claude prompts, grades replies with structured outputs, and fails the GitHub Actions check on regressions, running in under 4 minutes per pull request.

EDUCATION

Ateneo de Davao University — Philippines **2022 – 2026**
Bachelor of Science in Information Systems

CERTIFICATIONS & LANGUAGES

- **Claude Code in Action (Certificate of Completion)** — Anthropic Academy (2025)

Languages: English (Fluent) · Filipino (Native)