

Joseph C. Burwasser

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Software engineer with 8+ years at Workday, plus experience as a CIO and startup co-founder. Builds APIs that AI agents can rely on and the internal tools operations teams run on, shipped end to end with Cursor and Claude Code.

EXPERIENCE

Software Application Engineer III — Workday Jan 2022 – Oct 2026

- Designed and built 5 monetizable, agent-ready REST endpoints for Billing Schedules, giving internal AI agents and automation stable, documented access to billing data.
- Stood up MCP servers connecting Cursor agents to internal tools and data, speeding API design, integration, and documentation; shipped AI-assisted, human-reviewed changes to production billing systems.
- AI Ambassador: mentored and trained ~20 engineers across teams on Cursor, MCP, and agent workflows.

Co-Founder — Indicode 2023 – Present

- Product-managed and co-built HOA Copilot, an AI assistant that answers HOA management staff's questions from each community's governing documents, citing the source and quoting the exact rule; wrote the requirements and built most of the React/TypeScript front end.
- Built an Outlook add-in so staff can ask HOA Copilot about an open email without leaving their inbox.
- Built custom apps and process automation for small-business clients, including an AppSheet CRM/ERP for a real estate developer.

Chief Information Officer — Storage Corner Group Oct 2019 – Present

- Built scalable data management and automation (ETL, reporting, BI) across Accounting, Operations, Revenue, and Marketing using Google Apps Script, Sheets, AppSheet, and JavaScript.
- Built a due diligence web app for self-storage facilities (TypeScript on Apps Script, Sheets, Drive): mobile site walkthrough with photo/video capture and chunked resumable uploads, desktop progress dashboard, server-side permissions, and a full audit log; 38 automated tests gate every deploy via CI.
- Rebuilt same-store sales reporting as a secure web dashboard: daily Tenant API ingest; T3/T12, YoY same-store, and rate-vs-occupancy views; per-manager store access enforced server-side. Replaced legacy dashboards that exposed the API key in the browser; parity tests verify the numbers match.
- Delivered both apps with Claude Code agents working from repo-level agent instructions, behind a single check gate (typecheck, unit/jsdom/end-to-end tests, secret scan, build).
- Automated facility budget templates with account-mapping between QuickBooks and the property management software; saves ~30 hours of data entry monthly.
- Increased competitor pricing, promotion, and vacancy surveying from monthly to daily via automated web scraping; feeds sales and weekly rate decisions.
- Digitized inquiry/lead logging and follow-up; cut time spent documenting and following up with customers by ~70%.
- Built a facility maintenance ticketing AppSheet app so managers, office staff, and grounds crew stay in sync; push notifications plus role- and location-based security.

Software Application Engineer II — Workday Jul 2015 – Jul 2019

- Financials Core team: maintained the Accounting Engine and fixed customer-reported bugs; Scrum Master. Promoted from Associate Software Engineer.

PROJECTS

AI Sales Lead Harvester — Next.js, FastAPI, Ollama, Apps Script 2025 – 2026

- Built an end-to-end lead pipeline: screenshot paste → vision extract → enrichment (Google Places, Yelp, website checks) → tagged contact, with the source screenshot attached, created or updated in GoHighLevel, the client's sales and marketing CRM.
- Shipped a multi-tenant Next.js web app (auth, Google sign-in, admin tenant/user management, SQLite) so operators can extract and push leads without touching API keys or Location IDs.
- Ran local vision (FastAPI + Ollama) and the web app on a Mini PC, exposed over Cloudflare Tunnel with API-key and session security.
- Packaged Google Apps Script automation as a versioned library + sheet template for reusable customer installs; configured the GoHighLevel MCP server so Cursor agents can operate against live CRM APIs.

iOS Apps — Expo / React Native 2026

- *Timely Sleep*: local-first SQLite sleep tracker for multiple children with concurrent live timers, 7-day trend stats with week-over-week deltas, and CSV/JSON export.
- *Alpaca Scalper*: ported an Apps Script trading tool to a native iOS app that trades Alpaca paper and live accounts, with fee-aware limit sells, buying-power gating, a live WebSocket feed, and API keys held in the device Secure Store.
- Shipped both via EAS Build and over-the-air EAS Update; wrote a reusable Claude Code skill (expo-ios-deploy) that takes a new Expo app from code to an installed iPhone build.

EDUCATION

B.S./M.S., Information Systems — Brigham Young University, Marriott School · Dean's List Apr 2015

SKILLS

Languages: Java, JavaScript/TypeScript, Python, Google Apps Script, VBA

AI / agents: Cursor, Claude Code, MCP servers, LLM APIs (OpenAI, Gemini, Claude), vision/OCR pipelines, agent-ready REST design

Platforms & integrations: GoHighLevel APIs, Google Workspace, AppSheet, FastAPI, Node.js, Next.js, React Native/Expo (EAS), SQLite

Practices: API design for machine clients, multi-tenant auth, server-side authorization, automated testing & CI (Vitest, GitHub Actions), Cloudflare Tunnel / self-hosted deploy, ETL/BI, Agile

Spoken languages: Fluent Portuguese; conversational Spanish

INTERESTS

Music: Guitarist, songwriter, and lead vocalist for an original band; listen on [Spotify](#).