

PROJECT BRIEF



PREPARED

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AUTHOR

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GlideOps — Agent-Run B2B Automation Studio

An AI-agent-operated automation agency that sells fixed-price back-office automation to small UK/SG e-commerce retailers, built and hosted end-to-end by AI agents with a human as the field operator.

SIGNATURE CAPABILITY

An agency run by an AI agent org (CEO, leads, outreach, delivery, ops, auditor) where the entire pipeline is automated and a human only sends, calls, signs, and banks.

OVERVIEW

GlideOps builds custom stock/inventory sync, multi-channel reconciliation, and inbox/paperwork automation for small online retailers, priced per-scope after a free live audit. Its signature tactic is a self-hosted scanner that reads any Shopify or WooCommerce store's public catalogue and counts sold-out-but-still-live listings, turning a prospect's own data into the sales pitch. An agent org runs the weekly pipeline while the human sends, calls, signs, and banks. The whole loop, from lead discovery through drafting, follow-up, and hosting, is automated with a human approval gate on every outbound message.

TECHNOLOGY

Python, Node.js serverless (Vercel), Google Workspace + Gmail API with service-account domain-wide delegation, self-hosted Firecrawl/SearXNG, Reddit API, Discord bot API, systemd timers, pytest + Hypothesis, Hostinger DNS.

HIGHLIGHTS

- ◆ Live **stock-health auditor** hits public Shopify and WooCommerce APIs via a public web checker with **SSRF-blocking host validation** and page caps.
- ◆ Headless email as jordan@glideops.co.uk via a Google service account (**SPF/DKIM/DMARC all passing**), with an approve-then-send human-in-the-loop rule.
- ◆ Automated threaded follow-up engine detects replies, sends up to two spaced follow-ups, then stops.
- ◆ Reddit lead-queue cron: a **pure-logic core (100% tested, 54+ tests)** mines subreddits, drafts human-sounding comments, and delivers a ranked queue to Discord, never auto-posting.
- ◆ Discord approve-to-post watcher enforces account-safety pacing (daily caps, minimum gaps) before any comment goes live.
- ◆ **Agent-org operating model** with a single-source-of-truth pipeline ledger; deployed live on Vercel at glideops.co.uk.

STATUS

Live and operating (site deployed, outreach and follow-up automation running against a lead bank), in the sales-and-pipeline phase.



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