

JOSHUA HERNANDEZ

AUTOMATION ENGINEER | CUSTOM WORKFLOWS | AI SYSTEMS

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Blaz Algo Systems

PROFILE

I build end-to-end automation systems that move from intake through validation, routing, AI processing, human approval, delivery, and monitoring. I work inside Make.com when it fits the job and extend workflows with custom Python or JavaScript services when visual modules are not enough. My builds emphasize reliable state, retries, logging, cost controls, and maintainable handoff documentation.

Make.com scenarios	APIs and webhooks	Python and JavaScript	CRMs, email, and LLMs
Validation and deduplication	Retries, alerts, and logs	GCP and local AI	SQLite and Supabase

SELECTED AUTOMATION BUILDS

BAS Lead Scanner and Outreach Pipeline

Built a scheduled workflow covering Google Maps discovery, multi-source email enrichment, AI-based opportunity detection, personalized draft creation, optional GPU-generated site mockups, Gmail delivery, reply classification, and a live lead panel. Includes SQLite state, daily hard caps, deduplication, dry-run mode, and explicit live-send gates.

Stack: Python, Gmail, Google Places, Claude, SQLite, GCP, Playwright

NightWatch AI Media Pipeline

Engineered a cloud pipeline that turns a concept into a finished long-form video. It generates scripts, images, voice, ambience, and final edits across isolated model environments, uploads results to cloud storage, and starts or stops the GPU around each run to control cost. Multiple fallback paths keep the workflow moving when a model is unavailable.

Stack: GCP L4, Qwen, SDXL, TTS, FFmpeg, Ollama, Cloud Storage

Lead Response and Webhook Automation

Created an intake-to-response system for service businesses. Website or form leads enter through a webhook, receive a personalized reply within seconds, and are logged for follow-up. The workflow prevents duplicate replies, supports business-hour rules, and can hand data to Make.com, a CRM, email, SMS, or a custom backend.

Stack: Python, Flask, webhooks, SMTP, CSV, scheduling

Venture Scout Decision and Approval Engine

Built an evidence-driven automation that researches vertical software opportunities, deduplicates sources, scores market signals, records outreach results, and makes explicit kill, test, push, or winner decisions. External communication remains human-approved, with auditable queues and reports instead of uncontrolled auto-sending.

Stack: Python, SQLite, scoring logic, CSV intake, approval queues

WHAT I BRING

Production-minded builds | Fast debugging | Clear scope and handoff | Custom-code extensions when modules stop short | Remote, project-based availability

Additional workflow details, architecture notes, and demonstrations are available on request. Public Make Community listing: community.make.com/t/112198