Daniel Morris
AI Systems Builder | Autonomous Infrastructure | Spec-to-Code Specialist
ascend.gremlin@gmail.com | (785) 443-6288
GitHub: https://github.com/statikfintechllc/AscendAI.git

PROFESSIONAL SUMMARY

Experimental AI system builder and self-directed learner with a decade-long background in mechanical diagnostics, HVAC systems, heavy machinery operation, and construction - all of which shaped a systems-first, failure-tolerant mindset. Creator of GremlinGPT, a solo-developed, prototype-level AGI framework emphasizing sovereign agent control, zero-dependency design, and local-only inference. Passionate about recursive architecture and resilient autonomy - especially for offline, embedded, or unstable environments.

Currently pivoting into AI full-time from a blue-collar background. My work isn't funded. It's not venture-tuned.

It's just built. I learn fast, debug hard, and ship solo.

■ Autonomous System Auditor & AI Ops Engineer (Self-Taught)

Project: GremlinGPT – Open Infra Audit (2025)

- Audited a proposed modular AI system claiming to solve open-source contribution, telemetry, and evolution issues.
- Detected architectural deception within 45 seconds by identifying lack of:
  • Integration between modules
  • Memory or state persistence
  • Real entrypoints, endpoint exposure, or backend execution chain
- Authored counter-spec outlining missing system hooks, AI orchestration dependencies, and real-time feedback loop architecture.
- Achieved this without formal dev background, relying on duct-tape builds, functional LLM loops, and system-level pattern recognition.
- Co-built GremlinGPT — a self-healing, recursive AI system — with real terminal deploy scripts, vector memory layers, and persistent daemon control.

Tools: Python, GitHub Actions, watchdog, REST APIs, LLM orchestration, conda/zsh, systemd

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CORE PROJECT

AscendAI / GremlinGPT - Autonomous AGI Infrastructure
Solo Developer | Start of 2025 - Present

- Developed a full-stack prototype of GremlinGPT, with seven discrete terminal-launched containers simulating self-orchestration, NLP parsing, FSM agents, memory vectorization, logging, and local inference logic.
- Implemented real-time cognition and recursive agent planning with modular FastAPI backend, shell-script dispatch, and memory-driven command execution.
- Wrote and deployed orchestration scripts to control system bootstrapping, status broadcasting, and test case debugging across subsystems.
- Created a terminal-native dashboard simulation and integrated structured logging and agent telemetry for agent-awareness testing.
- GremlinGPT earned organic traction through GitHub and LibHunt: 6,500+ views, 3,100+ clones, 10

stars
in 2 weeks - including from senior devs and AI engineers.
- Project tags: #autonomous-ai, #self-optimizing-architecture, #recursive-agents, #trading-agents,
#posthuman-ai
Live Repo: github.com/statikfintechllc/AscendAI

TECHNICAL TOOLKIT
- LLM/AI Systems: Prompt engineering, agent self-orchestration, NLP tokenization, FSM planning,
embedding strategies
- Backend: Python 3, FastAPI, CLI-first architecture, asynchronous logging/debugging, module
injection
- DevOps/Infra: GitHub Actions, terminal sandboxing, Conda env management, subprocess isolation
- Frontend/UX: Minimal Next.js, static web asset routing, REST-based dashboard piping
- Low-Level/Infra: Zsh shell scripts, local-only API simulation, ported subsystems across OS shells,
offline
inference routing

BACKGROUND
Automotive Systems Mechanic
2020 - 2024 | Independent & Small Shop Operations
- Diagnosed failure states in distributed mechanical and electrical systems, from drivetrain
diagnostics to
logic faults in ignition/fuel systems.
- Translated complex signal chain behavior into actionable mechanical repairs - this experience
built the
foundation for understanding multi-agent systems and flow-of-control debugging in AI pipelines.
Universal HVAC Technician
2018 - 2020 | Field Service + Residential/Commercial Systems
- Installed, serviced, and debugged climate control systems governed by embedded logic,
microcontroller
loops, and mechanical fail-safes.
- Learned to trace temperature and pressure feedback loops, system hysteresis, and sensor
calibration -
directly informing how I approach LLM feedback integration and control loops.
- Experienced in power distribution, relay logic, environmental simulation, and hands-on
troubleshooting
under stress.
Heavy Machine Operator
2016 - 2018 | Mixed Site Projects (Construction, Earthmoving, Demo)
- Operated skid steers, excavators, lifts, and various hydraulically controlled machines in
uncertain terrain
and dynamic environments.
- Gained early exposure to reactive systems, human-machine interfacing, and edge-case safety logic -
all
themes that now appear in my AGI control design.
- Understands firsthand how physical systems fail - and how to build software that doesn't.
Carpenter & Systems Fabricator
2014 - 2016 | Contract Builds, Framework + Finish Work
- Interpreted blueprints and evolved design constraints into constructed systems - whether rough
structural
work or precision finish carpentry.

- Developed deep tolerance for iteration, material constraints, and learned patience, exactness, and resilience.
- Now, I treat code like lumber and agents like tools: plan, cut, test, evolve.

LOOKING FORWARD

I'm not looking to plug into another generic AI tooling company. I'm looking to join a team that wants to rewire
the whole architecture - where agents evolve, tools get better autonomously, and cognition isn't glued
together by APIs.
I've already shipped a prototype that works offline, no API, no cloud keys, and zero help. But I'm done
building alone. I want to learn fast inside an ambitious team with real stakes. I don't know everything yet - but
I'm dangerous when I learn.
Let's build something nobody's ready for.