

# MICHAEL GAIO

Applied AI Engineer / Software Developer

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## PROFESSIONAL SUMMARY

Applied AI Engineer and Software Developer specializing in designing and deploying AI-powered and agentic systems that integrate into real business workflows. Experienced in building full-stack applications, intelligent automation pipelines, and orchestration frameworks using APIs, LLMs, and workflow orchestration tools. Focused on translating complex problems into production-ready solutions — combining systems design, AI integration, and practical implementation to deliver measurable outcomes.

## CORE SKILLS

<b>AI Systems &amp; Workflows:</b>	LLMs · Agentic Systems · Prompt Engineering · AI Workflow Design · RAG Systems · AI System Integration
<b>Automation &amp; Integration:</b>	n8n · API Integration · Workflow Automation · Data Pipelines · System Orchestration
<b>Development:</b>	JavaScript / TypeScript · Python · SQL / PostgreSQL · Full-Stack Development · REST APIs · Web Applications
<b>Tools &amp; Platforms:</b>	Claude API · OpenAI API · LangChain · LangGraph · Git · Vercel

## SELECTED PROJECTS

### AI Time Efficiency Scorecard

AI-powered workflow assessment and automation diagnostic system

- Designed and deployed an interactive AI-driven assessment tool that analyzes workflow inefficiencies and surfaces automation opportunities
- Integrated structured logic with n8n workflows for response processing, scoring, and follow-up automation
- Applies AI and automation to analyze workflows and surface practical time-saving opportunities

### Noble Automation System

End-to-end intake, routing, and response automation system — Client Project

- Architected and implemented a full workflow automation pipeline using n8n, APIs, and conditional logic
- Automated intake processing, response routing, and messaging workflows, reducing manual coordination effort
- Delivered a production system for a live client, streamlining operations and standardizing communication across the funnel

### Mythic Systems — Agentic Platform

Full-stack AI-enabled platform with agent-based architecture — In Progress

- Designed a modular multi-agent system (strategy, research, architecture, development, communications) coordinated through an orchestration layer
- Built full-stack web platform with integrated automation backend for lead handling and system extensibility
- Designed to reduce research, planning, and operational overhead by 8–15+ hours per month through agent-assisted workflows

## Mythic Path — AI Narrative System

Structured AI system for guided, repeatable conversational workflows

- Built a constrained LLM system using the Claude API and structured context documents to guide consistent outputs
- Implemented deterministic conversational flows to replace unstructured AI chat behavior with repeatable interaction patterns
- Demonstrates how LLMs can be shaped into reliable systems for sensitive, domain-specific use cases

## Strategy Map AI

AI-powered business analysis and strategic evaluation system — In Development

- Designing an AI application that ingests business inputs and generates structured analysis, scoring, and recommendations
- Combines research workflows, AI reasoning, and system mapping to evaluate opportunities and risks
- Intended to reduce multi-layer business research and analysis time by several hours per evaluation cycle

## Mythic Graph — 3D Memory System

3D knowledge visualization and system architecture interface

- Developed a Three.js-based 3D visualization environment for navigating complex data relationships
- Created a spatial interface to reduce cognitive load and improve system-level understanding of large knowledge sets
- Improved internal organization and design clarity, accelerating architecture and planning workflows

## CONSULTING & PRODUCT WORK

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### AI Time Warp — AI Workflow Optimization Program

- Delivered hands-on AI workflow consulting through a structured 4-session implementation sprint
- Helped clients identify and upgrade key workflows using AI tools, prompts, and automation patterns
- Enabled clients to reclaim ~2–6 hours per week through targeted workflow improvements

### AI Systems Consulting — Feya Health (Intake Automation Design)

- Conducted paid consulting engagement to evaluate and design an AI-assisted client intake system for a mental health practice
- Produced a detailed technical strategy with multiple implementation pathways, including compliance considerations (HIPAA-aware design)
- Demonstrated ability to architect AI systems within real-world constraints and regulated environments

## EXPERIENCE

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### Founder & Lead Developer — Mythic Systems

2023 – Present

- Design and build AI-powered systems, automation workflows, and full-stack applications
- Focus on integrating AI into real business processes with measurable impact
- Lead system architecture, development, and implementation across multiple internal and client-facing projects

## EDUCATION

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### Master's Degree in Philosophy & Religion — CIIS

Concentration in consciousness studies, human behavior, and complex systems thinking

## ADDITIONAL BACKGROUND

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25+ years of experience in web development, digital systems, and software design across multiple domains — including early web, Web3, and modern AI-driven applications.