

MICHAEL GAIO

Senior Software Developer & AI Product Engineer

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PROFESSIONAL SUMMARY

Senior software developer and AI product engineer with 25+ years of experience designing and building interactive applications, digital platforms, and software products. Combines software architecture, full-stack development, and interaction design with contemporary AI-assisted engineering and intelligent automation. Experienced in translating complex concepts into functional applications, independently managing complete development lifecycles, and directing small technical teams. Currently focused on AI product development, agentic systems, workflow orchestration, and building software through AI-augmented engineering practices.

TECHNICAL CAPABILITIES

Software Engineering:	JavaScript, TypeScript, Python, Node.js, React, Next.js, full-stack application development, REST APIs, systems architecture
AI Engineering:	LLM integration, AI-assisted software development, context engineering, AI orchestration, agentic workflows, Claude & OpenAI APIs
Automation & Infrastructure:	n8n, API integration, workflow automation, PostgreSQL, MongoDB, Git, Vercel
Product & Architecture:	Technical architecture, application design, interaction design, technical specifications, prototyping, development-team coordination
Emerging Technologies:	MCP, WebMCP, A2A, A2UI (actively exploring and adopting)

PROFESSIONAL EXPERIENCE

Founder & Lead Developer — Mythic Systems 2014 – Present

Independent development and technology practice, repositioned toward applied AI in 2023.

- Architect and develop AI-enabled applications and workflow automation systems for internal and client projects
- Manage the complete development lifecycle from discovery through deployment
- Apply AI-assisted engineering workflows to accelerate development across modern stacks
- Design and integrate LLM-powered applications, automation pipelines, and agentic technologies

Technology & Design Director — Radish — Collective Intelligence Platform 2017 – 2019

- Directed technical architecture and interface design for a collaborative, AI-assisted platform
- Recruited, interviewed, and coordinated an international development team of three developers
- Produced technical specifications, interface wireframes, and implementation requirements
- Oversaw development of a customized WordPress/PHP application through launch readiness

Lead Interaction Designer — Brain Plasticity Institute

2011 – 2012

- Collaborated with neuroscience researchers to design interactive cognitive-training applications
- Translated scientific concepts into engaging interactive experiences and game mechanics
- Directed interaction and visual design; collaborated with an ActionScript developer

Independent Software Developer & Designer — Gaio Productions

1998 – 2014

- Designed interactive applications and web-based visualizations for clients including Autodesk, the Buckminster Fuller Institute, and Harvard-affiliated initiatives
- Led the design and development of a custom interactive onboarding application for Autodesk, directing UI architecture, interaction design, and implementation in collaboration with a specialist ActionScript developer
- Designed and developed advanced interactive mapping applications, spatial interfaces, and data visualizations using Flash and ActionScript, translating complex information into innovative visual experiences
- Managed projects from concept through interface design, programming, and delivery

SELECTED ENGINEERING PROJECTS

Mythic Systems — Agentic Platform

Full-stack platform with AI integration and workflow automation

- Architected a full-stack platform integrating AI-assisted development and backend automation
- Integrated n8n for workflow automation, form processing, and lead management
- Designed the platform to accommodate future multi-agent orchestration

Noble Automation System

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

- Connected intake, conditional routing, and automated messaging via n8n and API integrations
- Reduced manual coordination requirements and standardized customer communication

AI Time Efficiency Scorecard

Interactive workflow assessment and automation diagnostic system

- Designed an interactive workflow-assessment tool with structured scoring and personalized results
- Connected the tool to n8n workflows for automated data processing, lead capture, and follow-up

Mythic Path — AI Narrative System

Structured AI system for guided, repeatable conversational workflows

- Developed a domain-specific conversational AI application using the Claude API
- Integrated curated context and structured workflows within a defined narrative framework

EDUCATION

Master of Arts, Philosophy & Religion — California Institute of Integral Studies

Philosophy, Cosmology, and Consciousness Program

Bachelor of Arts, Psychology and Creative Writing — Pacific University