

# Vibe Coding: Structuring AI for Value in the Age of Information Overload

As I continued my experimentation with artificial intelligence systems, I began to formalise those efforts into a tangible product: an AI Agent Platform, where agents operate independently and work together toward a common user goal to verify the information provided. The inspiration was both technical and philosophical in nature.

On the technical side, the work of major players in the field (#Google's Agentic Companion, #OpenAI's Practical Guide, and #Anthropic's Best Practices for Agentic Coding) provided thoughtful guidance. They offered direction on when to develop agents, which reasoning patterns to embed, and how to balance autonomy with safety. The core message: designing with artificial intelligence is not simply a matter of clever prompting, it requires deliberate and thoughtful system architecture.

However, the intrinsic motivation came from a broader reflection on the state of the world, particularly after hearing the thoughts of Yuval Noah Harari on the data age (<https://www.youtube.com/watch?v=jl64f-821o&t=173s>). He observes that we are no longer seeking information, we are buried beneath it. His reflections on the exponential expansion of irrelevant data, the erosion of trust, the growing need for curation, and the importance of real-time access, aligned with the exact problems I was attempting to solve. But how can one achieve that alone? I came across a new concept: Vibe Coding.

## Vibe Coding: Letting Go in Order to Create More

"Vibe coding" represents a shift in thinking. Coming from a background in business analysis, project management, and digital transformation, I have always placed a high value on structure. I was accustomed to detailed planning, defined frameworks, and traceability matrices.

However, when I began "vibe coding", I recognised something important: not everything can be controlled. Instead, as with a well-managed agile programme, success comes from defining clear outcomes, building incrementally, and testing what is produced. It is about allowing a degree of autonomy, but only within parameters set by strategic goals.

That change in approach unlocked new potential. Suddenly, it became possible to develop agents capable of performing as research analysts, tailoring assistants, or use case modellers much more quickly. Each was focused on a specific outcome and guided by business goals rather than controlled instructions. Supported by local large language models, retrieval-augmented generation, and modular design, these agents should be able to reason, adapt, and improve, much like an effective cross-functional team.

## Turning Theory into a Platform

"Vibe coding" is not about telling AI "Do this for me". It is about building with intention and structure. This platform has been designed with that principle in mind:

- A **modular architecture**, where each element, user interface, memory, file management, and model selection, functions independently.
- **Multi-agent orchestration**, where agents interact according to clearly defined roles, shared memory, and delegated tasks.
- **Customised Retrieval-Augmented Generation pipelines**, where local models are trained with context-specific knowledge and monitored to avoid duplication.
- **Alignment with outcomes**, ensuring that each agent supports the user in making better, more informed decisions.

The objective is not only to create a digital "second brain", but to build a system that transforms information into actionable ideas, curated insights into measurable value, and artificial intelligence from an experimental tool into a dependable business asset.

## Closing Thoughts

Vibe coding, and the broader discipline of agentic thinking, is enabling me to create MVP's that do more than function. They contribute with intention and purpose. My next step will be to make this platform foolproof, and then accessible to others, so that we can test the outcomes together.

**Part Two coming soon:** I will share the system architecture and early use cases of the platform, highlighting how each agent contributes to outcomes, and how the design supports scale, transparency, and agility.

In the meantime, I would be very interested to hear your thoughts. Are you already experimenting with agent-based systems? Or are you exploring where to begin? Let continue the conversation.

**Hashtags:** #ArtificialIntelligence #AITransformation #DigitalStrategy #DigitalTransformation #DataDriven #KnowledgeManagement #BusinessAgility #BuildWithPurpose

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