



Bykov-Brett Enterprises

Vibe Coding Guide:

Prompt, Context, Harness

April 2026

Prepared by Bykov-Brett Enterprises

Turn Intent Into Impact.

What Is Vibe Coding?



Vibe coding is a software development approach where you describe what you want in natural language and let AI tools (like Claude, Cursor, or GitHub Copilot) generate the code for you. The programmer acts more as a director than a typist, guiding the AI with prompts, accepting or rejecting suggestions, and iterating until the output works.

2025

Year coined by Karpathy

95%

YC W25 AI-generated code

87%

Fortune 500 adoption

Describe it. Generate it. Iterate.

03 THE ANALOGY

Think of It Like an Intern Email



THE INTERN

Smart, eager, zero context. What do you write?

THE EMAIL

Prompt: tell them what to do.

ATTACHMENTS

Context: info they need to act.

APP ACCESS

Harness: tools and permissions.

Three Layers of Vibe Coding



PROMPT

How do I ask for what I want?

CONTEXT

What does the AI need to know?

HARNESS

How do I configure the AI environment?

Each layer builds on the last.

The Four Elements of a Prompt



PART 1: PROMPT ENGINEERING

INTENT

What outcome do you want?

CONSTRAINTS

Limits, tone, what to avoid.

EVIDENCE

Context, examples, data.

FORMAT

What output must look like.

The CSC Framework



CLARITY

Remove all ambiguity.

SPECIFICITY

Use precise, exact language.

CONTEXT

Background changes the answer.

WEAK VS STRONG

Make it better fails. Reduce complexity to 5 works.

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PROMPT ENGINEERING

Why Prompts Fail



- Too vague: no metric specified
- Missing stack: wrong tech assumed
- Too broad: entire app at once
- No format: prose instead of code
- No criteria: what counts as good?
- One-shot mindset: plan to iterate

Prompts are briefings, not wishes.

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CONTEXT ENGINEERING

The Context Hierarchy



PART 2: CONTEXT ENGINEERING

SYSTEM

Role and rules. Rarely changes.

PROJECT

Stack and standards per project.

SESSION

Current task. Changes per chat.

TURN

Specific goal. Changes per message.

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CONTEXT ENGINEERING

Context Window Reality



1M

Claude Sonnet/Opus 4.6

400K

GPT-5.4 and Codex

2M

Gemini 3 Pro

"Right context beats bigger context."

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HARNESS ENGINEERING

Build the Machine



PART 3: HARNESS ENGINEERING

CONFIG

Model, defaults, permissions.

TOOLS

What AI can read, write, run.

AGENTS

Autonomous specialised workers.

HOOKS

Automatic triggers and actions.

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HARNESS ENGINEERING

Layered Permissions



MINIMAL

Read files. Search only.

STANDARD

Write files. Run tests.

EXTENDED

Run commands. Install packages.

FULL

Git, deployments, external calls.

Start restrictive. Expand as needed.

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HARNESS ENGINEERING

The Maturity Model



AD-HOC

Default settings, no config.

DOCUMENTED

CLAUDE.md, conventions written.

CONFIGURED

Permissions and tools set up.

AUTOMATED

Hooks, tests, auto-workflows.

AGENTIC

Self-Improving, adaptive, multi-agent orchestration. The highest level.

How to Think About Vibe Coding



THE SHIFT

From writing code to directing it.

- Accept imperfection, demand iteration
- Test behaviour, not every line
- Invest in systems, not heroics
- Know when to intervene

AI is a collaborator, not a replacement.

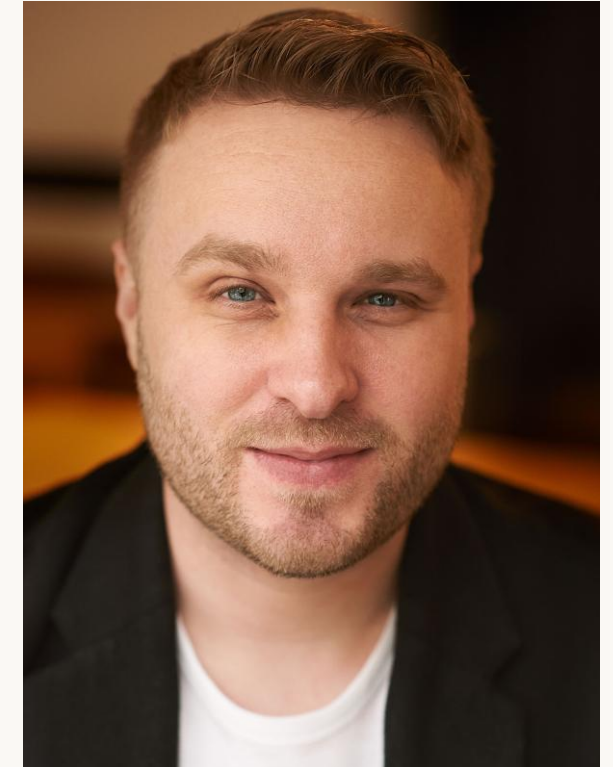


CONTACT

Jamie Bykov-Brett

Founder & Director, Bykov-Brett Enterprises

Jamie specialises in bridging the gap between AI technology and human potential. With a background spanning corporate training, AI strategy, and digital transformation, he helps organisations build AI-ready teams that adopt with confidence. TEDx speaker, CIPD & Herrmann certified, 9.7/10 NPS across 150+ solutions delivered.



bykovbrett.net/contact

treize@bykovbrett.net

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