

Prompt Engineering **AI Agent**

Claude Skills

Prompt → MCP → Skills → Agent



1. ⏳ —
2. ⚡ **MCP** — AI USB-C
3. 🧩 **Claude Skills** — AI "
4. ⚡ **Skills vs MCP** —
5. 💻 **VS Code** —
6. 🎯 & Q&A

2023 Prompt Engineering

ChatGPT

You are a senior developer. Please review this code
and suggest improvements...

-
- Prompt
- AI
- AI



"

" —

2023

2024

& MCP

AI

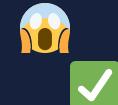
= **N × M**

2024 11

Anthropic

Model Context Protocol (MCP)

$$\begin{array}{l} : \quad N \\ : \quad N \end{array} \quad \begin{array}{l} \times \quad M \\ + \quad M \end{array} \quad \begin{array}{l} = \quad N \times M \\ = \quad N + M \end{array}$$



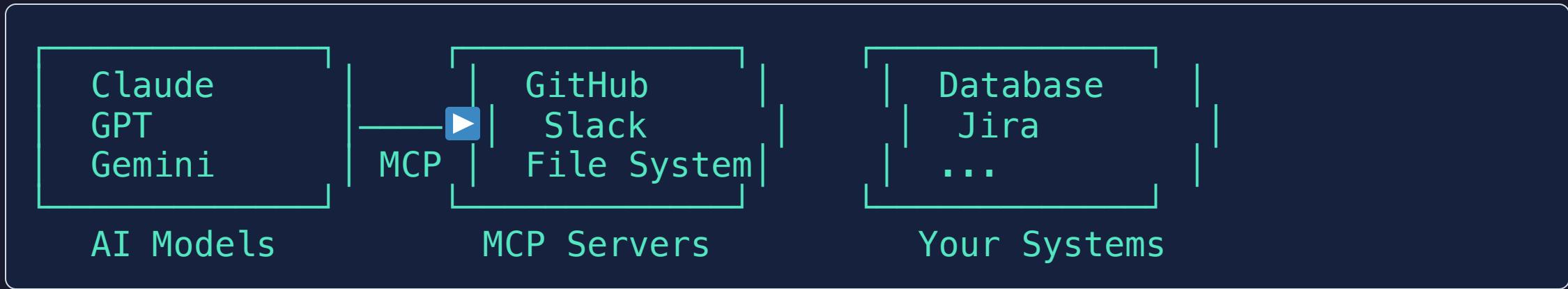
MCP

David Soria Parra

Claude Desktop IDE

MCP AI

USB-C



MCP

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- 2025 OpenAI Google Microsoft

2025 Agent

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feature"

Developer: "Add user authentication with JWT"

Agent:

- Read existing codebase structure
- Design auth flow
- Create middleware, routes, models
- Write tests
- Commit changes

Agent = AI + Tools + Autonomy

MCP

AI Agent

Container



Claude Skills

AI "

Claude Skills

Skills

Markdown

AI

```
.claude/
└── skills/
    └── code-review/
        ├── SKILL.md          ←      +
        ├── checklist.md       ←
        └── examples/
            └── good-review.md
```

- **SKILL.md** = YAML frontmatter + Markdown
- `/skill-name`
- Claude

SKILL.md

```
---
```

```
name: code-review
description: "Review code for bugs, security, and style"
user_invokable: true          # /code-review
agent_invokable: true         # Agent
---
```

```
# Code Review Skill
```

Steps

1. Read the changed files
2. Check for security vulnerabilities (OWASP Top 10)
3. Verify error handling patterns
4. Check code style consistency
5. Provide actionable feedback with code examples

Output Format

-  Critical – Must fix before merge
-  Warning – Should fix
-  Suggestion – Nice to have

Skills

	Skills
Prompt	
AI	
Prompt	Git
Agent	

Skills

Prompt Engineering

Skills vs MCP

vs

Skills
" " _

MCP Servers
" " _

API

AI Model
Claude / GPT / Gemini

Skill

MCP Server

MCP Server

Skills



	Skills	MCP
	Markdown	+
	AI	AI
		API
Token		
	5	
	Claude	

Simon Willison: "Skills are awesome, maybe a bigger deal than MCP"



VS Code

VS Code

Claude Skills

Step 1

Claude Code

1. VS Code → Extensions (`Cmd+Shift+X`)
2. "**Claude Code**" → Anthropic
3.  **Spark** Claude



`Cmd+Shift+P` → "Claude Code: Open in New Tab"

Step 2

Skill

```
mkdir -p .claude/skills/my-review
```

```
.claude/skills/my-review/SKILL.md
```

```
---
name: my-review
description: ""
user_invokable: true
---
#
##
1.  TypeScript
2.  error boundary
3.          > 80%
4.  API
```

Step 3

Skill

Claude Code

/my-review

Claude

Skill



Claude

- `agent_invocable: true`
- Claude

- `/plugins` – MCP
- `/context` – Skill

Token

Skills

Skill	
/commit	commit message
/prd-generator	
/code-review	
/deploy-checklist	
/api-design	RESTful API
/incident-response	

awesome-claude-code



1. Skills vs CLAUDE.md

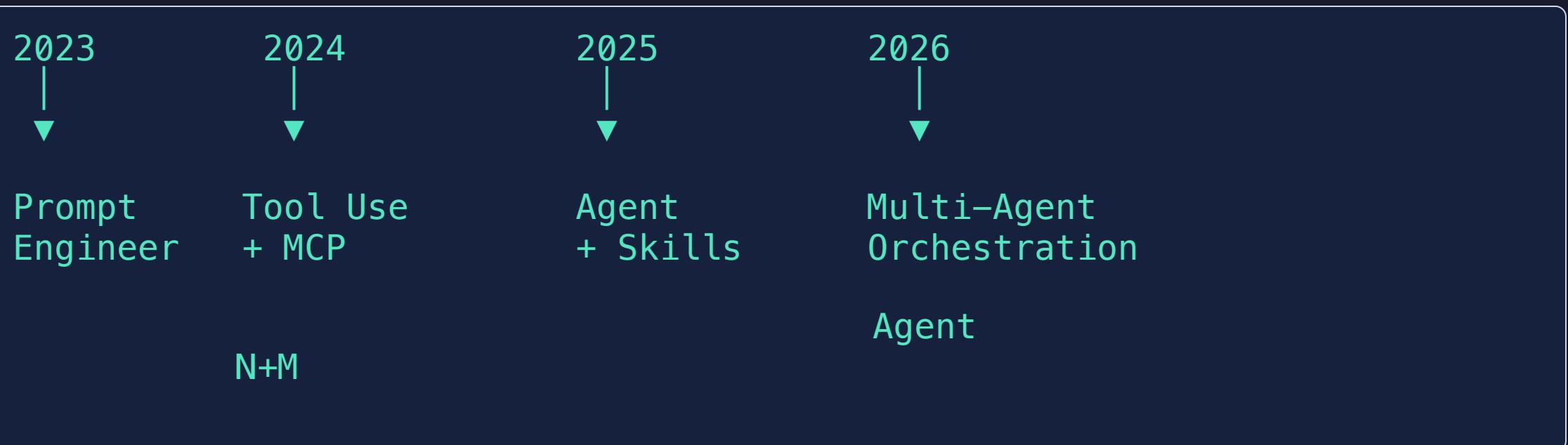
- CLAUDE.md →
- Skills →

2. Token

- Skill 15,000
- /context Skill
- Skill

3. Claude Skills

"Help me improve the code-review skill
based on today's review feedback"



"AI

"

"AI

"



Prompt Engineering → AI

MCP → AI

Skills → AI

Agent → AI

Skills

AI

Q & A

- Claude Code Skills
- Skills vs MCP
- MCP
- awesome-claude-code