

# 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**

## 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)

:

N

×

M

=

N×M

:



N

+

M

=

N+M



MCP

David Soria Parra

Claude Desktop

IDE

## MCP AI USB-C



## MCP

" "

- 
- 
- 2025 OpenAI Google Microsoft

2025 Agent

"

"

"

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_invocable: true          # /code-review
agent_invocable: 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**

**Claude Skills**

## Step 1

## Claude Code

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



center

`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_invocable: 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](#)