

FULL FREE SETUP AI coding:-

We'll use:

- Ollama
 - Qwen (Coder model)
 - Visual Studio Code
 - Continue.dev
-

STEP-BY-STEP INSTALLATION

Step 1: Install Ollama

1. Go to: <https://ollama.com>
2. Download for Windows
3. Install normally
4. After install, open **Command Prompt**

Check:

```
ollama --version
```

Step 2: Install Qwen Code Model

Run this in CMD:

```
ollama run qwen2.5-coder:7b
```

or smaller:

```
ollama run qwen2.5-coder:3b
```

This will:

- Download model
- Start AI in terminal

✓ Now you have a **local coding AI**

□ **Step 3: Install VS Code**

1. Download: <https://code.visualstudio.com>
 2. Install
 3. Open it
-

□ **Step 4: Install Continue.dev Extension**

Inside VS Code:

1. Go to Extensions (left sidebar)
 2. Search:
 - Continue
 3. Install **Continue.dev**
-

□ **Step 5: Connect Ollama to Continue**

1. Open Continue panel in VS Code
2. Open settings/config.json

Add this config.json:

```
{
  "models": [
    {
      "title": "Qwen 2.5 Coder 7B",
      "provider": "ollama",
      "model": "qwen2.5-coder:7b"
    }
  ],
  "defaultModel": "Qwen 2.5 Coder 7B"
}
```

Step 6: Start Using It

Now you can:

Chat with your code

- Ask:
 - “Explain this file”
 - “Fix this bug”
-

Generate code

- Highlight → right click → ask AI
-

Autocomplete

- AI suggests code while typing

After Adding Config

1. Save file
 2. Restart VS Code (recommended)
 3. Open Continue panel
 4. Select:
 - Qwen 2.5 Coder 7B
-

Test It

Try:

- “Write a Python function for binary search”

- “Fix this code: [paste code]”
- “Explain this file

If It Doesn't Work

Model not found

Run again in terminal:

```
ollama pull qwen2.5-coder:7b
```

Ollama not running

Start it:

```
ollama serve
```

Slow performance

7B model needs:

- ~16GB RAM (recommended)

If slow → use:

```
"model": "qwen2.5-coder:3b"
```

Final Result

After this setup, you get:

- Free AI coding
- Works inside VS Code
- No API key
- Similar to Claude Code