

Project 1: Gmail AI Agent Integration

A step-by-step guide to installing and configuring Cursor AI with MCP (Modular Connect Protocol) servers for Gmail (and LinkedIn), and running your first AI-driven email workflow.

Prerequisites

1. **Pipedream Account**
 2. Access to set up Gmail & LinkedIn MCP servers and authenticate your accounts.
 3. **Cursor AI Editor**
 4. Installed and ready to use, with familiarity around the MCP tab in the interface.
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1. Installation & Initial Setup

1.1 Install Cursor AI Editor

- **Windows**

- Download: [Cursor AI Download Link](#)
- Follow the steps in this tutorial: [YouTube Installation Guide](#)

- **Mac**

- Installation instructions: [Steps for macOS](#)

- **Ubuntu 24.04**

- Installation instructions: [Steps for Ubuntu 24.04](#)

Sign-Up Use your Gmail or GitHub account to sign in. After authentication, return to the Cursor AI editor to continue the setup.

1.2 Initial Cursor AI Configuration

1. **Launch Cursor IDE**
 2. On the welcome screen: Click **Skip**, then **Continue** through the theme, quick start, data-sharing, and review screens.
 3. **Open Settings**
 4. Click the **Settings** icon in the top-right corner.
 5. Select **Tools & Integrations**.
 6. **Add a Custom MCP Server**
 7. Under **Tools & Integrations**, click **Add Custom MCP** to open the MCP configuration panel.
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2. Adding MCP Servers

2.1 Obtain MCP Server URLs from Pipedream

1. **Open Pipedream**
2. Sign in or create an account.
3. **Search for the Gmail Connector**
4. Authenticate your Gmail account.
5. **Select the Cursor Tab**
6. In the connector's details, switch to the **Cursor** tab.
7. **Copy the MCP Configuration URL**
8. Copy only the Gmail-related MCP server URL.

Repeat the above for LinkedIn if you plan to use LinkedIn workflows.

2.2 Add MCP Server URL to Cursor IDE

1. In the **MCP Servers** section of Cursor settings, paste the copied URL.
2. Save with **Ctrl + S**.

Note: The URL is sensitive and contains your authentication token—do **not** share it.

3. Running Your First Gmail Workflow

Step 1: Select MCP Server in Cursor AI

1. Open the **AI Panel**
2. Click **New Chat** in the top-right (or press **Ctrl + Alt + B**).
3. Choose the **Gmail MCP server** from the dropdown.

Step 2: Compose & Send a Prompt

Use natural-language prompts to trigger email actions. For example:

Send an email to my team using Gmail summarizing today's meeting notes.

Or, for a combined LinkedIn + Gmail workflow:

Get my details from LinkedIn, apply for a job at {company name}, write a short cover letter, and send everything to {mail}.

- **Replace** {company name} with your target company.
- **Replace** {mail} with your destination email address.

Press **Enter**, and Cursor AI will route the request through your MCP server, perform the actions, and return the result.

Step 3: Verify the Outcome

- Check your Gmail inbox (or sent folder) to confirm the email was delivered correctly.
 - Review any output or logs shown in Cursor AI for troubleshooting.
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4. Additional MCP Examples

• Fetch Recent Emails

Get the last 5 emails from my Gmail inbox and display them here.

• Schedule Calendar Event

Schedule a calendar event for tomorrow at 3 PM using Google Calendar.

• Push Code to GitHub

Push the current code to my GitHub repository with the commit message 'MCP Integration Done'.

Feel free to experiment with any integrations you've configured.

5. Important Notes

- **Security & Confidentiality:** Never share your Pipedream MCP URLs. They contain your authentication tokens.
 - **Error Handling:** If a workflow fails, inspect the logs in Pipedream and the error messages in Cursor AI to diagnose issues.
 - **Scaling:** To add more services (e.g., YouTube Data, Google Calendar), repeat the MCP URL setup under **Add Custom MCP**.
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Congratulations! You've successfully installed and configured Cursor AI with Gmail and LinkedIn MCP servers, and run your first AI-driven email workflow. On to Project 2! 🚀