

# These plug-ins revolutionize ChatGPT into an Everything App - ChatGPT's plugin store

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**Abstract** - A vast range of tools and apps with distinctive features and capabilities that take advantage of the power of language generation to make daily life easier have been inspired by Open-AI's innovative chatbot. Around the world, at least five to six of these tools are released each week. And given the expanding tendency, this number is probably just going to rise. The introduction of ChatGPT plugins was announced by OpenAI. Now, users and developers may obtain up-to-date information or integrate services from third parties. Users have requested plugins ever since ChatGPT launched, and several developers have also tried out related concepts.

**Key Words:** ChatGPT, Plugins

## 1. INTRODUCTION

Whether you're an enthusiastic developer try-ing to design solutions to address urgent problems or a fledgling tech enthusiast utiliz-ing innovation to change routine activities, ChatGPT is connected to external programs through OpenAI plugins. Using plugins, ChatGPT is able to perform tasks like retriev-ing real-time data, such as sports scores, stock prices, the most recent news, etc., knowledge-based data, such as company docs, personal notes, etc., and helping users with tasks, such as booking a flight or placing an order for food, among others.

One or more API endpoints are exposed by plugin developers together with a standard manifest file and an OpenAI specification. These specify how the plugin works, enabling ChatGPT to access the files and the develop-er-defined APIs. An intelligent API caller is represented by the AI model. Given an API spec and a natural-language description of when to use the API, the model proactively calls the API to perform actions. Plugin API, receive the API response, ad generates a user-facing answer combining the API data and its natural language capabilities.

To build a plugin, it is important to understand the end-to-end flow.

- Create a manifest file and host it a yourdomain.com/.well-known/ai-plugin.js on
- Register your plugin in the ChatGPT UI
- Users activate your plugin
- Users begin a conversation

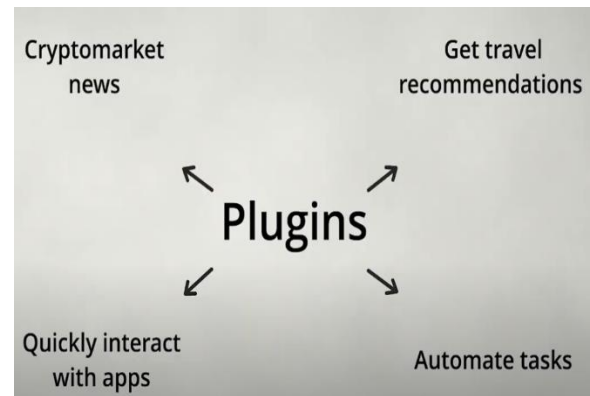


Fig 1. Plugins mechanism

These plugins enable ChatGPT to interact with APIs defined by developers, enhancing ChatGPT's capabilities and allowing it to per-form a wide range of actions. It's why devel-opers everywhere are racing to create their plug-ins for ChatGPT. There are already plug-ins for everything from Slack... to Shopify... to the NBA... and more. The number of ChatGPT plug-ins is only going to skyrocket. Many CEOs will admit the effect of every product and service we have. The A I model acts as an intelligent API caller. Given an API spec and a natural-language description of when to use the API, the model proactively calls the API to perform actions.

ChatGPT plugins are additional modules that can extend the functionality of the base ChatGPT model. They're designed to enhance the model's capabilities by providing specialized features, domain-specific knowledge, and interactive experiences. Plugins allow users to customize ChatGPT according to their specific needs and create more dynamic and engaging conversations. ChatGPT is helping all of us, even data scientists, be more productive in a shorter time. ChatGPT plugins are valuable third-party applications that can be easily integrated into the ChatGPT platform to bring automation and enhance its functionality. We can streamline workflows, automate tasks, and add new features to the platform.

## 2. CASE STUDY

In this study, we have studied and explored ChatGPT's various advances and various plugins from Chat GPTs plug-in store. We un-covered the most effective ChatGPT plugin that can significantly boost the productivity, creativity, and problem-solving capabilities. We delve into the groundbreaking features

of fascinating world of these powerful add-ons for the incredible language model ChatGPT, the ChatGPT Zapier is the most powerful plugin. Zapier is an app that connects over 5900 other apps. We can use Zapier to auto-mate all kinds of different things using ChatGPT. ChatGPT Zapier Plugin that trans complex operations, powerful automation, and capabilities that seamlessly connects connectivity apps and services. These mind-blowing AI tools will ionize how you use ChatGPT. Plugins like Zapier in ChatGPT acts as versatile tool to make the platform the best suited for student and for professionals, re-researchers or someone simply fascinated by AI and unlocking the unlock of ChatGPT. These Plugins connect ChatGPT to external apps. If a user enables a plugin, ChatGPT may send parts of their conversation and their country or state to your plugin.

In this study, we are building the ChatGPT plugins for

- a) DafiLlama and
- b) ChainLink.ins for DefilLama and ChainLink

Currently, these plugins are not available in the ChatGPT's plugin store.

a) DefiLlama is the most popular DeFi (De-centralized Finance) data aggregator. Provides real-time of top yield pools, chains, tokens, and coins. The developed plugin for De-fiLlama retrieves current and historical data on blockchains, DeFi applications bridges from ChatGPT using this plugin to the users of ChatGPT and DefiLlama platforms.

b) ChainLink is a decentralized blockchain oracle network built on Ethereum. The net-work is intended to be used to facilitate the transfer of tamper-proof data from off-chain sources to on-chain smart contracts. Chain-link Data Feeds Access the most versatile list of decentralized pricing networks. Currently, there is no plugin available to users of ChatGPT to access the real-time data of ChainLink's data feeds to ascend to the most versatile list of decentralized pricing networks of blockchains. This newly developed Chain-Link plugin enables ChatGPT and ChainLink users to access the real-time block chain of the pricing difference.

Developing these plug-ins will facilitate the ChatGPT users to provide useful functionality to automate tasks. Developers needs a way to interact with ChainLink ecosystem. ChatGPT is the perfect solution, allowing developers to make calls to function contracts, manage sub-scriptions and use space and time databases to index blockchain data. With these plug-ins we can save time for new users.

By using these plugins in ChatGPT, we can convert human-readable text to explored and visualized data in ChatGPT using the prompts queries. Anyone can query the real-time blockchain data room's decentralized net-works, so we have a better experience within plugins in ChatGPT plugin store of all users in the platform. These newly developed plugins on ChatGPT are safe, provide useful functionality, and provide a high-quality user experience to all the users of the plugin store platform.

- a) DefillLama Plugin Code

Code Snippets Results

(Node.js) Axios Copy Code

```
const axios = require('axios');

const options = {
  method: 'GET',
  url: 'https://defilama.p.rapidapi.com/%7BPATH%7D'
};

try {
  const response = await axios.request(options);
  console.log(response.data);
} catch (error) {
  console.error(error);
}
```

- (i) . Code used to develop the plugin for DefilLama

- b) ChainLink Plugin Code

Code Snippets Results

(Node.js) Axios Copy Code

```
const axios = require('axios');

const options = {
  method: 'GET',
  url: 'https://chainlink4.p.rapidapi.com/%7BPATH%7D'
};

try {
  const response = await axios.request(options);
  console.log(response.data);
} catch (error) {
  console.error(error);
}
```

- (ii). Code used to develop the plugin for ChainLink

### 3. CONCLUSIONS

In this study, we have studied, and explored that GPT's various advancement and various plugins from ChatGPT's plug-in store. We un-covered the most effective ChatGPT plugin that can significantly boost the productivity, creativity, and problem-solving capabilities. We delve into the groundbreaking features of fascinating world of these powerful add-ons for the incredible language model ChatGPT's plugin store of applications. The ChatGPT Zapier Plugin, the great plug-in. Zapier is the most powerful plugin for ChatGPT. basically, Zapier is an app that connects over 5900 other apps. The finding of this groundbreaking discovery among the various plugins in the store. Zapier ChatGPT plugin helps to connect other apps and this helps to save the timing of connecting to other 5900 apps and in-creases the productivity of ChatGPT users. The technical

study also evolved to develop new plug-ins for DefilLama and ChainLink blockchains and the plugins never existed in the plugin store and these plugins enable the ChatGPT users to provide the functionality to connect to them using these 3rd party private plugins. These plugins are going to help at least 5milat leasers of the ChatGPT users.

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