



SPARROW Your next-gen API testing and development tool

Techdome Solutions Private Ltd



CHIRPY AI

AI Bot for **Sparrow**

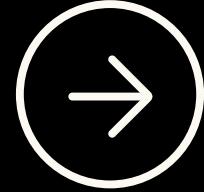


Golden Phoenix



CHIRPY AI

FEATURES



Ever feel lost in the maze of APIs?

Don't Worry, Chirpy is here to help you with innovative AI solutions.

Smart Chirpy

AI-Powered Chatbot for Sparrow API Tool

Nerdy Chirpy

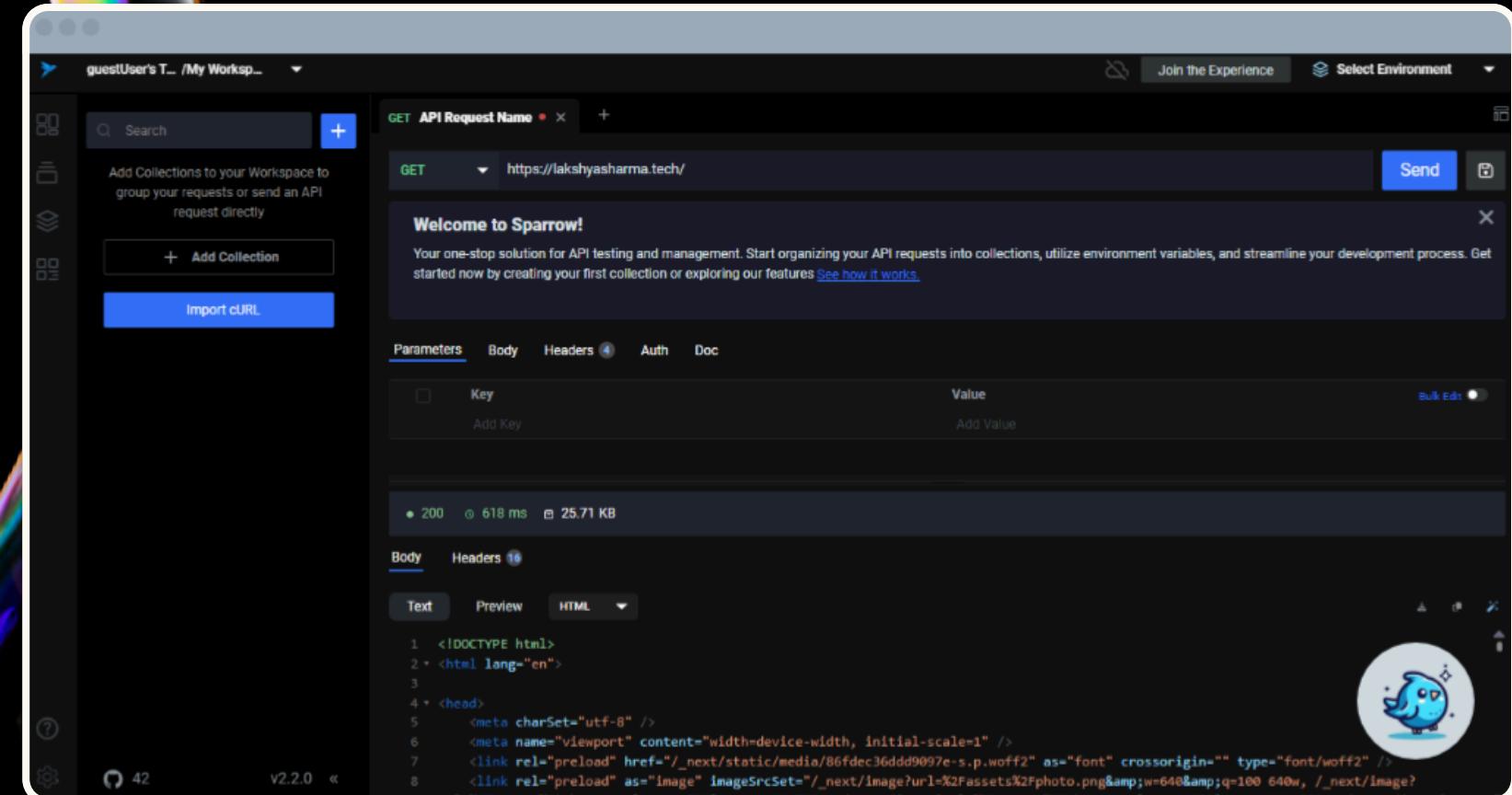
AI Dev-Boost Library for Sparrow

Creative Chirpy

AI-Powered API Documentation for Sparrow

WHAT IS CHIRPY AI?

CHIRPY represents an innovative integration of AI solutions that can integrate into Sparrow - Smart API management software. It revolutionizes how developers interact with and manage APIs by introducing features such as Smart Chirpy, Nerdy Chirpy, and Creative Chirpy. CHIRPY aims to significantly enhance the user experience and productivity when creating APIs.



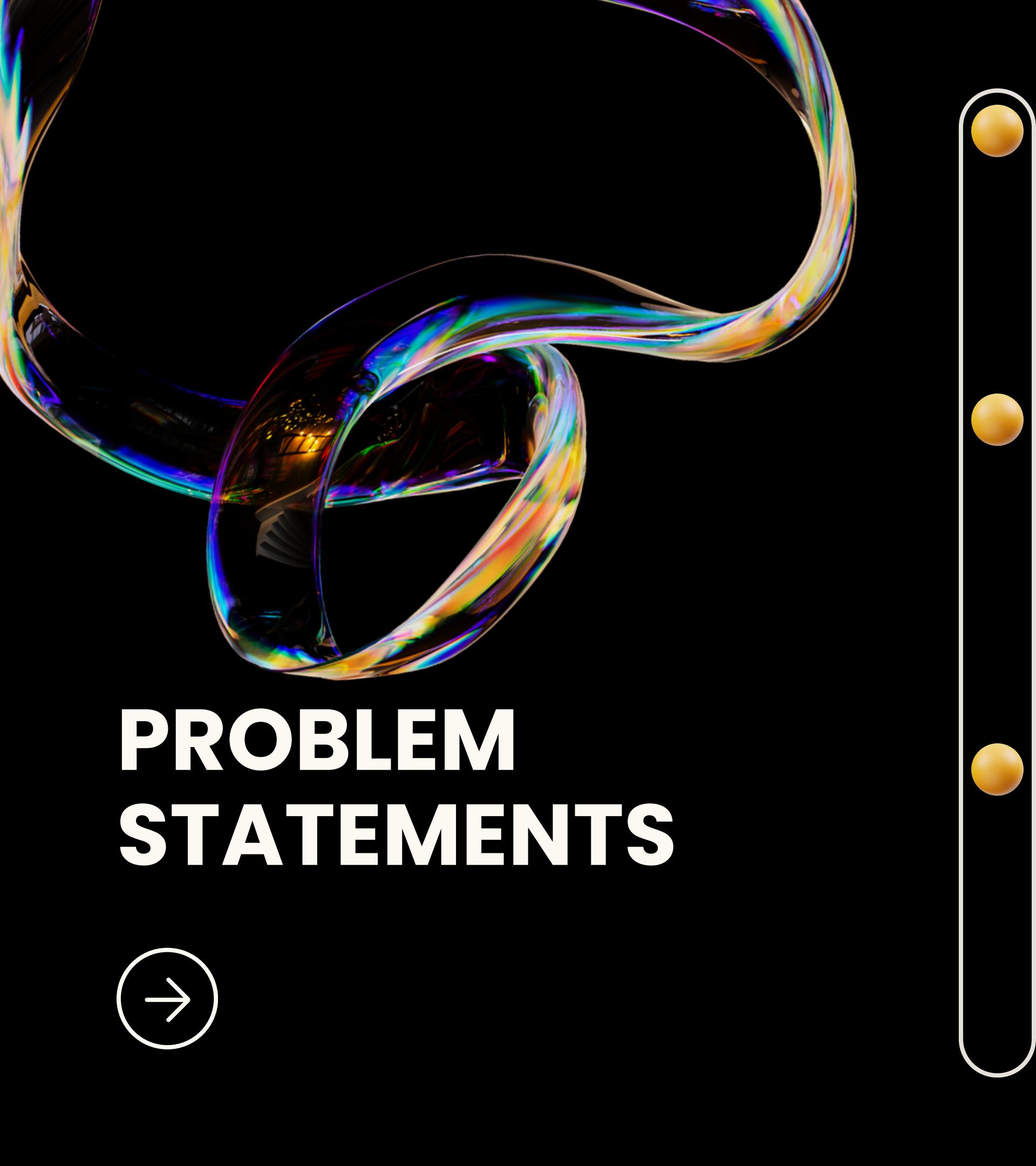
The screenshot shows the Sparrow interface with a request to "https://lakshyasharma.tech/". The response status is 200. The interface includes sections for Parameters, Body, Headers, Auth, and Doc. The Body section shows a preview of the API response, which is a simple HTML document with a Chirpy logo at the bottom. The Headers section shows the following:

Key	Value
Content-Type	text/html; charset=UTF-8
Date	Sat, 25 Mar 2023 10:45:18 GMT
Server	Cloudflare
Vary	Accept-Encoding, User-Agent
Content-Length	25.71 KB
Connection	keep-alive
Cache-Control	private, max-age=0, s-maxage=0, stale-while-revalidate
Expires	Thu, 23 Mar 2023 10:45:18 GMT
CF-Cache-Status	REVALIDATE
CF-Rewrite-URL	/

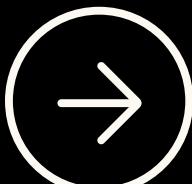
CHIRPY's integration into Sparrow has the potential to redefine industry standards by:

- Enhancing User Engagement:** Smart Chirpy's conversational interface makes API management more accessible and user-friendly, catering to developers of all skill levels.
- Improving Efficiency:** Nerdy Chirpy streamlines AI and ML workflows, reducing development cycles and operational costs.
- Boosting Documentation Accuracy:** Creative Chirpy ensures developers have up-to-date and accurate API documentation at their fingertips, enhancing overall software reliability and developer satisfaction.





PROBLEM STATEMENTS



Build an AI-powered chatbot for Sparrow API Tool

Develop an AI-powered chatbot for Sparrow, that enhances user experience by assisting with backend development and REST API tool-related features. The chatbot should be able to:

- Engage users with a conversational interface that is intuitive and user-friendly.
- Assist developers with backend development queries, providing best practices.
- Any other cool feature that will be helpful to the developer community.

Provide documentation + video explaining the features developed.

AI Dev-Boost Library

Developers often face repetitive tasks in AI and machine learning projects, such as data preprocessing, feature engineering, model training, model evaluation, and deployment. These tasks can be time-consuming and error-prone if done from scratch each time. By creating a library of well-documented AI-powered code snippets, we can streamline these processes, allowing developers to focus on the more creative aspects of their projects.

This library should not only include code snippets but also provide comprehensive documentation and examples to facilitate easy integration and understanding, ensuring that developers of all skill levels can benefit from the resource.

AI-Powered API Documentation

Develop AI-powered features for Sparrow that provide intelligent, context-aware API documentation. The goal is to enhance the developer experience by simplifying interaction with APIs and making documentation more accessible and useful.

Context-Aware API Documentation:

- Develop an AI-powered documentation assistant that provides relevant API documentation.
- Enable the assistant to understand and respond to natural language questions about API endpoints, parameters, and usage examples.
- Ensure the documentation provided is detailed, accurate, and helps in troubleshooting common issues.

Provide documentation explaining the features developed.

OUR INNOVATIVE AI SOLUTIONS



Smart Chirpy

PS: *Build an AI-powered chatbot for Sparrow*

This AI-powered chatbot offers real-time assistance with backend development and API-related queries and how can you solve them with Sparrow. By providing intuitive guidance, best practices, and error debugging tips, Smart Chirpy streamlines development workflows and reduces the learning curve for new users. This feature not only improves efficiency but also fosters a more interactive and user-friendly developer experience.

Nerdy Chirpy

PS: *AI Dev-Boost Library for Sparrow*

The AI Dev-Boost Library includes a curated collection of code snippets for common AI and machine learning tasks. By automating repetitive processes like data preprocessing, feature engineering, and model deployment, Nerdy Chirpy empowers developers to focus on innovation rather than mundane tasks. This accelerates project timelines and enhances overall project quality.

Creative Chirpy

PS: *AI-Powered API Documentation for Sparrow*

This AI-powered API documentation assistant transforms how developers access and utilize API documentation. By interpreting natural language queries and providing context-aware responses, Creative Chirpy delivers comprehensive insights into API endpoints, parameters, usage examples, and troubleshooting tips. This feature simplifies documentation lookup, improves developer productivity, and reduces errors during API integration.

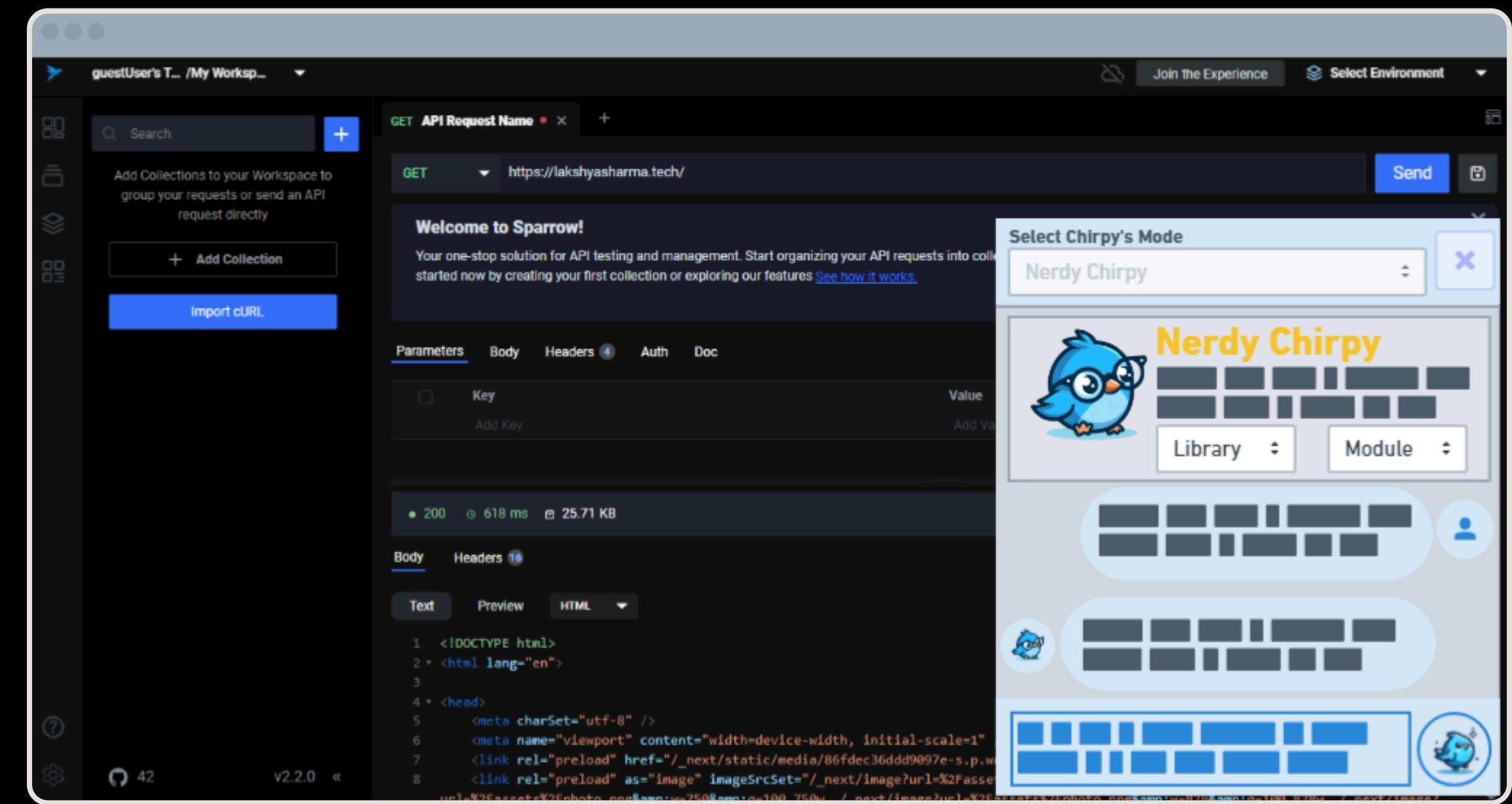
SMART CHIRPY



A screenshot of the Sparrow API testing tool. The main interface shows a GET request to 'https://lakshyasharma.tech/'. The response body is displayed as a snippet of HTML code. On the right side of the screen, there is a floating window titled 'Select Chirpy's Mode' with the option 'Smart Chirpy' selected. Below this window, there is a decorative graphic featuring the same blue bird logo with a lightbulb, surrounded by a grid of grey rectangles and a small user icon.

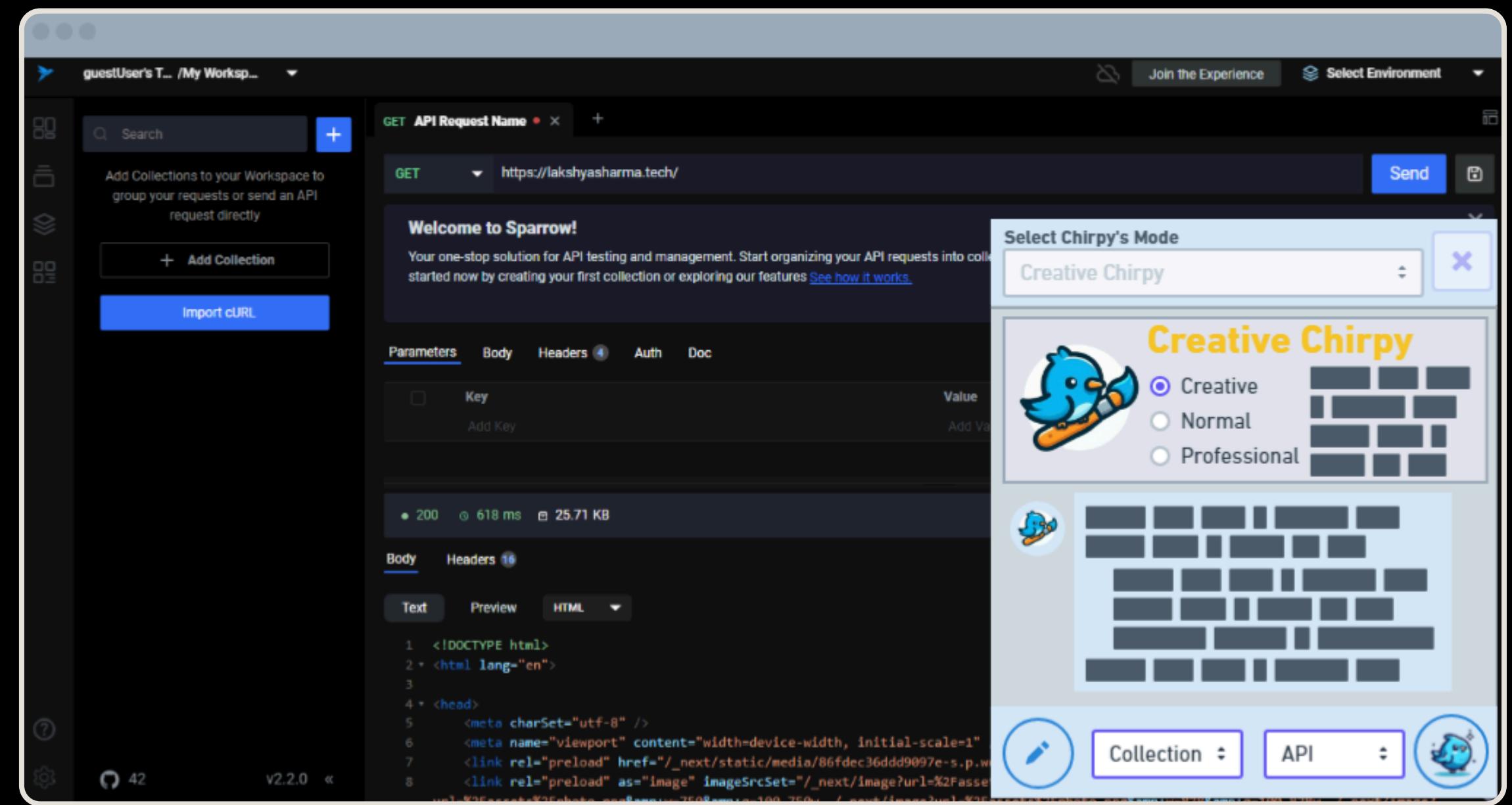
Smart Chirpy is an AI-powered chatbot designed to assist users in creating and managing APIs within Sparrow. Acting as a virtual assistant, Smart Chirpy provides real-time guidance on API creation, suggesting the most appropriate Sparrow tools to resolve specific problems. With its intuitive conversational interface, Smart Chirpy makes backend development and API management more accessible and efficient, helping developers navigate through complex tasks with ease.

NERDY CHIRPY



Nerdy Chirpy serves as an intelligent guide for the library and its documentation. Users can select a library, choose a module, and receive comprehensive assistance on its functions and classes. By typing in queries, developers can learn about the inputs, outputs, and workings of various components. Nerdy Chirpy simplifies the learning curve and resolves problems by providing detailed explanations, ensuring developers have all the information they need to effectively utilize Sparrow's resources.

CREATIVE CHIRPY



Creative Chirpy transforms API documentation by automatically generating detailed docs for your APIs. Users simply provide the API function, and Creative Chirpy takes care of the rest, creating thorough and accurate documentation. This feature ensures that your API documentation is always up-to-date and easy to understand, saving time and effort while enhancing the overall quality and usability of your Sparrow's API resources.

THE NEXT GENERATION OF SPARROW

Features	Sparrow	Sparrow + Chirpy AI
Improved API Workflow & Workspace	YES	YES
Collaboration	YES	YES
Environment	YES	YES
AI Assistent	NO	YES
AI Documentation Analyzer	NO	YES
AI Documentation Generator	NO	YES

CHIRPY AI VS. THE MARKET

SPARROW

Sparrow is an open-source API development platform that can help you test, debug, and distribute better APIs while collaborating with your colleagues.

SPARROW + CHIRPY AI

Chirpy is a smart AI solution for Sparrow that simplifies API development and management with AI tools like **Smart Chirpy**, **Nerdy Chirpy**, and **Creative Chirpy** for automating user tasks.

POSTMAN

Postman is an API platform for building and using APIs. Postman simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs—faster.

THUNDER CLIENT

Thunder Client is a free, open-source extension for Visual Studio Code (VS Code) that helps developers test APIs. Supports collections, environments, git collaboration, and local storage.

MEET THE TEAM



LAKSHYA SHARMA

B.Tech CSIT@ AKGEC'26

Backend Developer And
AIML Enthusiast

- Ex- ML Intern @ Bookeve
- ML Research Paper Publisher @ IEEE
- 3rd place in Prometeo'24 Hackathon@ IIT Jodhpur
- 3rd place in Breach The Firewall @ Hack-A-Thon 2k24, IMS Ghaziabad

lakshya.off31@gmail.com

+91 90585 90400

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)



DEVROOP SAHA

B.Tech CSE-DS@ AKGEC'26

Researcher And AIML
Enthusiast

- Head Coordinator @ MLCOE
- Top 10 in AI Bioinnovate @ IIT Jodhpur
- Experience Working on LLM, Finetuning, RAG, Qdrant, LangChain, and OpenCV

devroopsaha844@gmail.com

+91 99117 41948

[LinkedIn](#) | [GitHub](#)



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THANK YOU

for your time and attention



Present by **Golden Phoenix**