



Developing Advanced Code Interpreter and Generation with **OpenAI, Pinecone, and Flask**



| IT Consulting | Startup | 50 team strength

About Partner

Swabhav Techlabs specializes in sourcing and developing top tech talent for accelerating companies, focusing on roles in software engineering. Providing comprehensive talent solutions, including market research, talent pooling, and mentoring to enhance team productivity and code quality.

Product Description

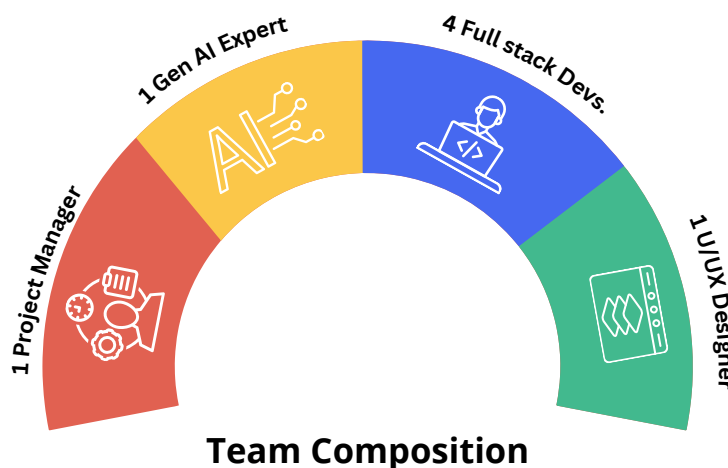
CodeGenie introduces a new paradigm in code interpretation and generation, offering users a powerful tool to streamline their development workflows and achieve coding objectives with ease. Developed using Langchain Framework, Python, Flask, OpenAI, Pinecone, Langsmith, and Langchainhub, CodeGenie empowers users to generate custom code solutions effortlessly.

Business Challenges

Writing code can be a time-consuming and complex task, especially for users with limited programming experience or specific requirements. Existing code generation solutions often lack the flexibility and precision needed to address diverse coding needs effectively.

Our Solution

- CodeGenie addresses these challenges by providing users with an intelligent code interpretation and generation platform that leverages AI technologies to generate accurate and contextually relevant code solutions.
- By analyzing user prompts and requirements, CodeGenie generates customized code snippets in real-time, enabling users to automate tasks, implement algorithms, and solve coding challenges with confidence.



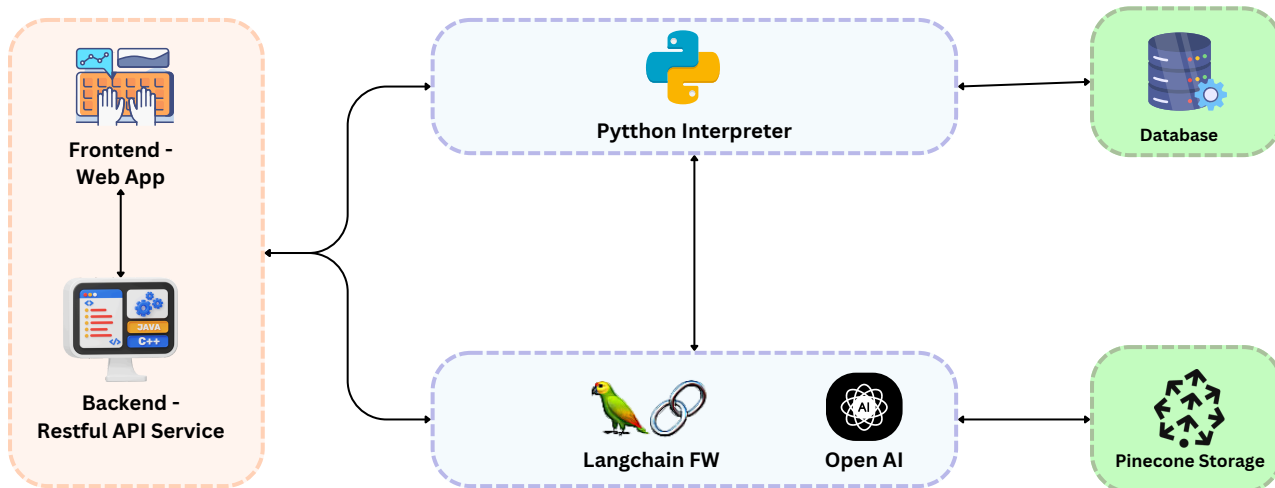


Developing Advanced Documentation Analysis with **OpenAI, Pinecone, and Flask**



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Product Architecture



Product Roadmap

Phases	Qtr 1	Qtr 2	Qtr 3
Planning & Requirement Gathering	2 Months		
System Design & Architecture	1 Month		
Development & Integration		4 Months	
Testing & Quality Assurance			1 Month

Business Impact

40%

faster coding for
repetitive tasks

30%

decrease in error
and bugs

20%

increase in
developer
productivity