



INNOMATICS

RESEARCH LABS

Date: 17th April, 2025

Letter of Recommendation

To whomsoever, it may concern

With great pride and pleasure, we recommend **Panthagani Vignesh**, Intern ID - **IN12510221**, who successfully completed their internship in Data Science with Generative AI from Innomatics Research Labs, from January 27, 2025, to March 21, 2025.

Throughout the entire internship tenure, they have successfully completed various projects and tasks assigned in time, including:

- **Problem Solving using Python Programming:** Achieved a 5-star Python badge on HackerRank by solving 50+ challenging problems, showcasing strong problem-solving and Python programming skills.
- **Keyword based Resume Screening to Enhance Recruitment Efficiency:** Developed a scalable automated resume screening pipeline to streamline recruitment processes, handling 1000's of resumes in both .pdf and .docx formats
- **AI Code Reviewer App:** Executed the development of a Python application aimed at providing users with comprehensive feedback on their Python code submissions.
- **Enhancing Search Engine Relevance for Video Subtitles:** Engineered a Retrieval-Augmented Generation (RAG) system using the LangChain framework, leveraging advanced LLMs like Gemini 2.0 Pro to enhance subtitle-based information retrieval and semantic search capabilities.
- **Multi-Agentic System Development:** Built an agentic system using LangGraph integrated with custom tools and external APIs to answer real-time queries like current time and astronauts in space, showcasing tool-augmented LLM capabilities.



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Their dedication, determination & zeal to skillfully overcome challenges are striking and are essential traits for being a successful & well-rounded Data Scientist.

Panthagani Vignesh is highly deserving and has showcased the willingness to work hard, both efficiently and independently.

We recommend **Panthagani Vignesh** with utmost sincerity and believe that they will be a tremendous asset to your organization.



Raghu Ram Aduri,
Program Manager,
Innomatics Research Labs Pvt Ltd