

1<sup>st</sup> August 2025

Ref. No.: MSSSL/CIS/Aug-25/935

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Shobhika Santhosh** has successfully completed her internship with our organization **30<sup>th</sup> June 2025 to 1<sup>st</sup> August 2025**.

During her tenure, Shobhika demonstrated strong technical and analytical capabilities, contributing meaningfully to our AI-driven tool development initiatives. She developed and deployed a weather forecasting tool using the MCP server framework, integrated real-time API data for dynamic querying, and connected the system to the Claude LLM to deliver accurate and context-aware responses.

She further expanded her work by integrating hotel-related data—first through static JSON files, and later by connecting live APIs from our analytics database to enable real-time insights. Shobhika also built a Python-based web scraper and linked it with a vector database to enhance content retrieval based on contextual similarity.

In the final phase of her internship, she set up the Phi-3 AI model on Google Colab, developed a RAG (Retrieval-Augmented Generation) system, and connected it to a FAISS vector for intelligent querying from our proprietary hotel database.

Throughout her internship, Shobhika exhibited excellent learning agility, problem-solving abilities, and a strong understanding of AI integration, data pipelines, and tool scalability.

We appreciate her contributions and wish her the very best in her future endeavors.

**For Mankara Software Services Pvt. Ltd.**

  
**Shilpa M**  
**Sr HR Manager**



**MANKARA SOFTWARE SERVICES PVT. LTD.**

No.1140, VGR ESSOR, Sector 7, HSR Layout, Bengaluru 560102. CIN No. U72500KA2019PTC125839