

Sree G Hariharan

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Executive Summary

Agentic AI Engineer aspirant and BSc Computer Science and Data Science graduate with practical experience in building real-time AI systems, RAG-based agents, automation workflows, IoT-AI integrations, and business-focused software products. Skilled in Python, FastAPI, Flask, LangChain, LangGraph, n8n, Docker, MySQL, Supabase, MCP, AI observability, and cybersecurity basics. The Agentic AI Engineer role requires strong problem-solving, LLM application development, workflow automation, API integration, and secure development practices, which align with my internships, hackathon-winning projects, patented IoT-AI system, and real business software implementations. I am eager to contribute as a fresher while growing toward my long-term goal of becoming an Agentic AI Architect.

Technical Skills:

Programming Languages: Python, MySQL, Type Script

Backend Development: FastAPI, Flask, REST API Development, API Integration

Agentic AI, LLM & RAG Technologies: Context Engineering, Harness Engineering, LangChain, LangGraph, RAG Systems, MCP, AI Observability, Local LLMs using Ollama, Voice Agent Concepts, Model Fine-tuning Basics

Automation & Workflow Tools: n8n, Workflow Automation, WhatsApp Automation, Business Process Automation, Unified API Concepts

Databases & Backend Platforms: MySQL, Supabase

AI, Data & Computer Vision: Data Analysis, ETL / ELT Understanding, Web Scraping, YOLO Model Training, Computer Vision Basics, LLM-based Automation

Cybersecurity & Engineering Practices: Cybersecurity Basics, Secure Development Awareness, Code Readability, Vulnerability Awareness, Documentation

Tools & Software: Antigravity, Codex, Claude, VS Code, MS Office, Docker, Flowise, Ollama

Professional Experience:

Hactivate Cyber Solutions - AI Automation / Development Intern

December 2025 - February 2026

- Worked on AI automation workflows, model fine-tuning concepts, and practical automation use cases.
- Supported IoT multi-sensor integration for real-time system development.
- Assisted in computer vision workflows using YOLO model training.
- Developed and supported Python-based programs for automation and operations. Gained exposure to AI-driven process automation, system integration, and operations management

Milkymist Pvt Ltd, Perundurai, Erode, Tamil Nadu - Data Analyst Intern

6 December 2024 - 20 December 2024

- Gained exposure to ETL and ELT workflows in the dairy and food industry.
- Observed data-driven operations in a large-scale business environment.
- Explored AI, LLM, and automation use cases for enterprise process improvement.
- Understood operational workflows in food production and distribution.

Projects:

SDEAgent.ai - Agentic Service Desk Engineer

- Built a RAG-based agentic support system that solves tickets using uploaded SOP .md files.
- Added chat-based support flow with planned voice-agent and screen-share troubleshooting features.
- Reduced hallucination by grounding answers in SOP documents.
- **Won 1st Prize at Celestra College Hackathon.**

REO4AI - Generative Agentic AI CRM and Automation Platform

- Designing an Agentic AI CRM for businesses and developers using unified APIs, n8n workflows, MCP, voice agents, and hybrid RAG.
- Working on automation creation through voice commands, sandbox execution, AI observability, ETL management, and agent memory orchestration.

IoT Based Crime Prevention System using AI and Computer Vision

- Contributed to a patented IoT-AI security system using YOLO, AI camera detection, sensors, real-time alerts, and dashboard monitoring.
- Worked on YOLO fine-tuning, Python integration, documentation, and patent submission.
- Project received **₹1.8 lakhs government funding** and was published in **Indian Patent Office Journal No. 36/2025**, dated **05/09/2025**.

Prpfiy.ai - RAG-Based Project Requirement Prompt Tool

- Built a RAG-based prompt creation tool using Groq, Gemini, and local LLMs through Ollama.
- Designed it to support project requirement generation and planning workflows.

Lost and Found System - Nehru Arts and Science College

- Developed a college Lost and Found system with email automation for item reporting and recovery workflows.

Education:

Bachelor of Science in Computer Science and Data Science

Nehru Arts and Science College, Coimbatore

Year of Completion: 2026

CGPA: 7.7 / 10

12th Computer Science Group

KKMHSS, Vandithavalam, Kerala

Year of Completion: 2023

Marks: 996 / 1200, 83 %

10th Technical Education

Govt Technical High School, Chittur, Kerala

Year of Completion: 2021

Grade: 10A+ and 1A / 11 Subject, 98%

Awards & Accomplishments:

- Registered patent for **IoT Based Crime Prevention System using AI and Computer Vision**, published in **The Indian Patent Office Journal No. 36/2025** dated **05/09/2025**.
- Contributed to a government-funded **₹1.8 lakh IoT-AI project**, focusing on YOLO model fine-tuning, Python integration, documentation, and patent submission.
- Won **1st Prize at Celestra College Hackathon** for developing **SDEAgent.ai**, an Agentic AI service desk and customer support system.
- Won **2nd Prize** for developing a **RAG chatbot** using Flowise, Ollama, and Llama 3.
- Participated in **4+ hackathons**, including **OpenAI x Outskill 7 Days Hackathon** and **Smart India Hackathon Internal Level**.
- Recognized as **Best Outgoing Student** and served as **Student Cabinet Environment Wing Secretary**.
- Part of the **College IT Wing**, mentored juniors on AI adaptability, and supported college-level event coordination.