

# Thomas Johnson Chirakkal

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## Profile Summary

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Final-year AI and DS student with expertise in Python, SQL, and R. Developed an AI-powered legal chatbot leveraging Large Language Models (LLMs) to provide intelligent responses to legal queries. Created a sales agent using Google ADK and developed an email categorization system using n8n. Strong communication and problem-solving skills.

## Education

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**Rajagiri School of Engineering and Technology**, B.Tech in Artificial Intelligence and Data Science Oct 2022 – June 2026

- CGPA: 6.75/10.0

## Experience

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**AI/ML Intern**, NEOITO – Thiruvananthapuram, Kerala May 2025 – June 2025

- Developed a simple Retrieval-Augmented Generation (RAG) chatbot for answering user queries with contextual accuracy.
- Built a voice-driven sales agent capable of taking product descriptions and engaging users in natural-sounding, persuasive conversations.
- Gained hands-on experience with LangChain and LangGraph for designing agentic workflows and Model Context Protocol (MCP).

## Projects

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**JusTIndia (Legal Chatbot)** JusTIndia-Github

- Built a legal chatbot to provide accessible legal guidance for individuals and small businesses. Fine-tuned LLaMA 3.2 with LoRA on legal datasets for improved domain accuracy.
- Tools Used: HTML, CSS, JavaScript, Python, Meta LLaMA 3.2.

**Voice Sales Agent** Sales-Github

- Created a voice-ready AI sales agent using Google ADK with a consultative selling approach for digital transformation solutions.
- Tools Used: Google Agent Development Kit (ADK), Gemini, Python.

**AI-Powered Email Classifier and Labeling System**

- Built an n8n-based system to auto-label Gmail messages using AI classification for smarter inbox management. Hosted on a GCP VM for 24/7 availability.
- Tools Used: n8n (workflow automation), Gmail API, Google Gemini via LangChain, OAuth2 authentication, GCP VM

## Technical Skills

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**Programming Languages:** Python, R, SQL, HTML, CSS  
**AI/ML Technologies:** LangChain, LangGraph, Large Language Models (LLMs), LoRA Fine-tuning, RAG Systems  
**Tools & Frameworks:** Google ADK, n8n, Gmail API, OAuth2, Git, PyTorch, TensorFlow  
**Cloud & Models:** Google Gemini, Meta LLaMA 3.2, OpenAI GPT models, GCP VM

## Competitions

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**Hackathon:** Participated in Hacks'US conducted by Innovation and Entrepreneurship Development Centre (IEDC) and Institution's Innovation Council (IIC).

**Ideathon (1st Place):** Two-level ideathon jointly organized by CSI Cochin Chapter, CIO Association Kerala Chapter and First Consulting Group (FCG). Won 1st place for presenting an AI-powered legal chatbot addressing access to affordable legal support.

## Certifications

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**NPTEL:** Fundamentals of Artificial Intelligence Jun – Oct 2024  
**NPTEL:** Advanced Robotics Applications Jan – May 2025  
**Udemy:** Complete Computer Vision Bootcamp With PyTorch and TensorFlow