

# Jeevan George Joseph

Cochin, Kerala · +91 7559034627 · jeevanjoseph1962@gmail.com

 Jeevan George Joseph ·  jeevanjoseph03

## Education

### Bachelor of Technology - Computer Science and Engineering

Muthoot Institute of Technology and Science

APJ Abdul Kalam Technological University

Sep 2023 - Present

Cochin, Kerala

CGPA - 8.90

## Skills

**Programming Languages:** Python · Java · C · SQL

**Frameworks & Tools:** FastAPI · React.js · TailwindCSS · SQLite · Streamlit · REST APIs

**AI & Machine Learning:** Large Language Models (LLMs) · Agentic AI · Prompt Engineering · Multi-Agent Systems · NLP · Generative AI

**Cloud & Platforms:** IBM WatsonX · Microsoft Azure · Google Cloud Platform · API Security · System Architecture

**Development Tools:** Git · Vercel · Google Colab · VS Code · Data Analysis

**Soft Skills:** Communication · Problem Solving · Analytical Thinking · Team Collaboration

## Experience

### LUNALABS

Co-Founder

Feb 2025 – Present

Cochin, Kerala

- Engineered VigilCare, an ambulance-integrated patient monitoring system utilizing computer vision and ML for real-time detection of external injuries and automated hospital diagnostics.
- Developed Wofe, a portable IoT-based emergency alert device with GPS geolocation, enabling instant communication with emergency contacts.

### TEDxMITS

Sponsorship Co-Lead

Jan 2025 – Present

Cochin, Kerala

- Secured corporate sponsorships by engaging with stakeholders, managing budgeting initiatives, and strengthening long-term partnerships for TEDxMITS 2025.

## Projects

### Multi-Agent AI System

Autonomous Decision-Making AI Framework

May 2025 – Present

Cochin, Kerala

- Built a multi-agent system that processes emails, PDFs, and JSON using intelligent routing, contextual reasoning, and memory persistence.
- Integrated Classifier, Router, and Parser Agents with FastAPI, SQLite, and REST endpoints for workflow automation and modular execution.

### Agentic AI Workflow with IBM WatsonX & Granite

LLM Integration + Workflow Orchestration

June 2025 – Present

Cochin, Kerala

- Explored IBM's watsonx.ai and Granite ('granite-3-3b-instruct') for prompt engineering, agent orchestration, and secure token-based API integration.
- Developed a multi-agent onboarding assistant with Streamlit UI to automate structured outputs like emails and checklists.
- Gained experience in LLM lifecycle integration, credential security, and scalable enterprise prompt design.

### ELSA – AI Voice Therapist

Emotion-Sensing Conversational Agent

Mar 2025 – Apr 2025

Cochin, Kerala

- Created a multilingual emotional support chatbot using Meta LLaMA-3, Groq API, ElevenLabs TTS, and React.
- Integrated contextual memory and sentiment-aware NLP to provide real-time, voice-based mental health assistance.

## Certifications

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- **Microsoft Azure AI Fundamentals (AI-900)** — Verified understanding of AI/ML concepts and cloud-based services for applied AI.
- **Introduction to Data Analytics by IBM** — Gained hands-on skills in data wrangling, visualization, and mining workflows.
- **Introduction to Generative AI by Google Cloud** — Explored genAI use cases and architecture in applied AI systems.
- **Foundational AI Tasks in Google Cloud** — Completed hands-on ML pipelines and AI task implementations on GCP.

## Workshops

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- **Google Cloud Community Day Kochi 2024** — Explored AI workflows using Vertex AI, Genkit, and agentic development tools.
- **DEV SUMMIT 2024 by IEEE SB MITS** — Completed sessions on Generative AI, Rust, GoFr, CTFs, and debugging challenges.
- **Flutter Bootcamp – Tathva, NIT Calicut** — Built cross-platform mobile apps using Flutter and Dart.

## Achievements

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- Finalist in the **Indian Startup League 2025** for LUNALABS, recognized among the top 100 startups nationwide.
- Represented **LUNALABS** at SRISHTI 2025 Startup Expo, showcasing innovation in AI-driven healthcare technology.
- Won **2nd Prize at SHRESHTA '25 Launchpad**, MITS TechFest for the emergency response system project VigilCare.