

Sandhya Kumari

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🌐 sandhya-kumari-276039297 🔄 sandhya6456 🔗 Portfolio: <https://portfolio-iota-ebon-70.vercel.app/>

Education

B.E in Artificial intelligence and Machine Learning -9.1/10 St Joseph Engineering College	2021 – 2025 Mangalore, India
Pre-University Course(Physics,Chemistry,Maths,Computer Science) -9.25/10 Kendriya Vidyalaya(CBSE)	2019 – 2021 Mangalore, India
SSLC-(Class 10th)-9.00/10 Delhi Public School(CBSE)	2018 – 2019 Mangalore, India

Experience

- Successfully concluded a one-month internship at Zephyr Technologies Pvt Ltd, specializing in full-stack web development.

Technical Skills

- Proficient in building Retrieval-Augmented Generation (RAG) models for enhanced NLP tasks.
- Built a responsive portfolio website using HTML, CSS, JavaScript, and Tailwind CSS.
- Python,C,JAVA,FastAPI,Xaamp,Tkinter,MySQL,React

Selected Projects

1. License Number Plate Detection Using OCR(EasyOCR)

Developed a user interface that allow users to upload images and videos directly through the web interface. Additionally, it supports real-time license plate detection via a live camera feed, providing immediate results.

2. Custom LLMOS

Developed a Custom Large Language Model Operating System using RAG models for processing natural language commands and automating tasks.It leverages Generative AI techniques to design a user-centric interface and optimize responses for various operational workflows.Focuses on model fine-tuning, integration, and deployment for optimized performance.

Certificates

- Salesforce(Administrator)
- Salesforce(Developer)

Achievements

Unscramble 2.0 - First Runners Up(10000 INR) Yenepoya Institute of Technology	03/2024
Codefest-Shortlisted for next Workshop Session (UniCourt India)Mangalore Infotech Solutions Private Limited	06/2024
License Number Plate Detection System - Selected for Presentation International Conference ICRICS 2024, SIT Valachil	08/2024