JOHIN JOHNY

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TECHNICAL SKILLS

- **Technical Skills**: Python,Javascript, HTML, CSS, SQL, MongoDB, Langchain, LlamaIndex, Flask, React.js
- **Tools & Platforms:** Git, GitHub, Jupyter, PowerBi, Tableau, VsCode

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INTERNSHIP EXPERIENCE

Software Developer | Augle AI
05/2024 – 10/2024
- Scraped 2000+ product details using Scrapy, cleaned, and normalized the data for further processing.
- Developed a **Retrieval-Augmented Generation (RAG) application**, leveraging **Langchain**, **PromptLayer**, and **OpenAI API** to create a chatbot capable of answering questions based on the scraped product data.
- Transformed and processed data to feed into Large Language Models (LLMs) for prompt-based question answering.
- Engineered prompts for optimal chatbot responses, using OpenAI's API to deliver high-quality outputs.
- Integrated the chatbot with the **React.js** frontend to seamlessly deliver the responses from **flask** backend to the user

Data Science Intern | Code Clause
08/2023 – 09/2023
- Executed projects on **Brain Tumor Detection** and **Color Detection**, using **Convolutional Neural Networks (CNNs)** for accurate brain tumor identification from MRI scans.
- Implemented **K-Means clustering** for color segmentation in image processing, enhancing the accuracy of color detection algorithms.
- Developed and deployed web applications using **Streamlit**, making data science projects easily accessible to users.

ACADEMIC PROJECTS
Skin Cancer Detection
- Developed a skin cancer classification model using **CNNs in Keras**, incorporating image augmentation to improve model performance.
- Trained the model to classify skin lesion images as melanoma or non-melanoma, ensuring reliable diagnostic assistance.
- Created a GUI application using **Tkinter**, allowing users to upload images and receive melanoma prediction results instantly.
Book Recommender Website
- Built a book recommendation platform using **collaborative filtering techniques**, providing personalized book suggestions based on user preferences.
- Developed the backend using **Flask**, ensuring smooth data processing and seamless integration with the frontend interface.

EDUCATION
Nagindas Khandwala College, Mumbai University
2022 – 2025
Bachelor of Science in Artificial Intelligence and Machine Learning

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RELEVANT CERTIFICATIONS
- **Tensorflow Developer** | DeepLearning.ai
- **Microsoft Azure Data Fundamentals** | Microsoft
- **Microsoft Azure AI Fundamentals** | Microsoft