

SAMRUDDHI MORE

Phone: 7757953164 | **Email:** samruddhimore@hotmail.com | **Web:** <https://samruddhi-more.vercel.app>
LinkedIn: <https://www.linkedin.com/in/moresamruddhi> | **GitHub:** <https://github.com/Samruddhi1More>

TECHNOLOGY STACK

- **Languages:** Python, SQL, HTML
- **Frameworks:** LangChain, Llama-Index, FastAPI, Django Rest Framework, OpenAI, PyTorch, GroqCloud, Streamlit
- **Machine Learning & Deep Learning:** Computer Vision, NLP, TensorFlow, YOLO, Hugging Face
- **Databases:** MySQL, PostgreSQL
- **Cloud Services:** AWS-EC2
- **Tools:** PowerBI, Tableau
- **Virtualization & Version Control:** Docker, GitHub
- **LLM from:** OpenAI, Ollama, Krutrium, Anthropic

WORK EXPERIENCE

Pyrack Technologies Pvt, Ltd., Jan 2024 - Present
(Position: Machine Learning Engineer)

PROJECT 01 **Automating Security Surveillance in Warehouse and Outdoor Premises**
Client: Confidential

- Overview: Spearheading the development of an AI-powered security surveillance system utilizing advanced computer vision techniques.
- Designed and implemented real-time object detection and tracking for warehouse and outdoor premises using YOLOv11 and OpenCV.
- Developed a solution to identify unauthorized access, hazardous zones, and unusual activity by integrating anomaly detection algorithms with live surveillance footage.
- Leveraged AWS EC2 for deploying and scaling the application, ensuring seamless operation in dynamic environments.
- Built a centralized dashboard to monitor alerts, review incidents, and manage real-time video streams, enhancing security operations efficiency.
- Provided ongoing support to ensure seamless integration with existing infrastructure and conducted training sessions for the client's team on using the system effectively.

PROJECT 02 **Developing Customer Support Technical Chatbot**
Client: Socket Mobile

- Developed a robust system to automatically retrieve, update, and store data in vector stores.
- Created a multilingual chatbot capable of responding in the query's language, incorporating translation features and context-aware response generation.
- Designed mechanisms for handling nonsensical or out-of-scope queries with polite responses, ensuring proactive and empathetic customer support.
- Built DRF endpoints to enable seamless user interaction, including retrieving chat history, managing conversations, and deleting chat history.

PROJECT 03	Defect Classification and Prescription Generation Client: VolarAlta <ul style="list-style-type: none"> Developed defect presence classification model using Vision Transformer. Integrated the solution with Django backend and reported model performance to clients. Oversaw model improvement, retraining, or the application of different algorithms to achieve better results. 	
	Pyrack Technologies Pvt, Ltd., (Position: Data Science Intern)	Sep 2023 - Dec 2023
PROJECT 01	In-Video-Search Client: In-house Product <ul style="list-style-type: none"> Conducted feasibility research for in-video search and interaction via chat. Built a multimodal solution integrating speech-to-text, speaker diarization, and transcript generation technologies for seamless video interaction. 	

EDUCATION

Bachelor in Data Science	Aug2020 - June2023
Symbiosis Skills and Professional University <ul style="list-style-type: none"> Final CGPA: 8.432 	
CBSE Class 12th	June2018 - March2020
Dhruv Global School <ul style="list-style-type: none"> Stream: Science Passed with 75% 	

ADDITIONAL INFORMATION

WORKSHOP EXPERIENCE

Volunteer Work and Affiliations

- Conducted a Data Visualization workshop on Power BI and Tableau at Symbiosis Skills and Professional University.

CERTIFICATION

Internshala: Advanced Excel

DataCamp: Data Analyst using Power BI

Udemy: Django Rest Framework

EXTRACURRICULARS AND ACHIEVEMENTS

Art: **Kathak** Level 3 (Distinction), Nail Artist

Sports: All-Rounder Girl Award in Cricket

Social Work: Secretary for Kids Rotary Club (Age 16)