

# SHARANYA KATHROJU

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Location: Hyderabad,

Telangana, India

## OBJECTIVE

Aspiring AI student with a strong foundation in programming and a passion for leveraging AI technologies to solve complex problems.

## EDUCATION

- **Bachelor of Technology (BTech)**
- **Computer Science (Artificial Intelligence & Machine Learning)**
- **(Roll No. : 23J41A66M5)** (2023-2027)
  - Malla Reddy Engineering College Autonomous (MREC)  
[Main Campus], Maisammaguda, Dulapally, Medchal-Malkajgiri-500100
  - CGPA : 9.36/10 (upto Semester IV)
- **MPC( Mathametics Physics Chemistry)** (2021-2023)
  - Telangana State Residencial Junior College(TSRJC), Hasanparthy , Hanmakonda.
  - GPA : 9.69 /10
- **SSC-Class 10th** (2020-2021)
  - Telangana State Model School(TSMS) ,Karepally, Khammam.
  - GPA : 10/10

## TECHNICAL SKILLS

- **Hard Skills :**
- **Programming Languages:** Python, C, Java, JavaScript
- **AI/ML Tools:** Hugging Face, Lang Chain, N8n ,TensorFlow, Py Torch, Scikit-learn
- **Data Handling & Visualization:** Pandas, NumPy, Matplotlib, Seaborn
- **Web Development:** HTML, CSS, Tailwind CSS, ReactJS, NodeJS, Flask
- **Databases:** MySQL, MongoDB, Pinecone Vector DB
- **Version Control:** Git & GitHub
- **Soft Skills:**
- Communication, Leadership, Empathy, Time Management.

## PROJECTS

### ➤ **Medical AI Chatbot – Individual Project (September 2025)**

- Developed an AI-powered medical chatbot using **Python, Flask, Pinecone Vector DB**, and **Gemini Flash-2.5 (LLM)** to provide accurate responses to user queries.
- Integrated APIs and deployed the model via **GitHub**, achieving **over 90% accuracy** in response validation.

### ➤ **Face Detection System – Team Project (June 2025)**

- Implemented an **AI-driven model** for **facial detection and expression analysis** using **OpenCV**.
- Collaborated in a **team of 4 members** to design, develop, and test the system as part of a **college project**.

### ➤ **IBOMMA Clone** – *Individual Project (July 2025)*

- Developed a **frontend clone** of the **IBOMMA movie streaming website** using **HTML** and **CSS**, replicating its layout and design.
- Integrated **movie redirection functionality** to navigate users to the setup movie links within the website.
- Achieved **75% design accuracy**, optimized primarily for **desktop responsiveness**, and **deployed the project on Netlify** for public access.

### ➤ **AI and ML Projects** – *Individual Project (March 2025)*

- Developed multiple **machine learning models** using **Microsoft Azure AI Fundamentals**, covering diverse applications such as **employee salary prediction**, **heart disease prediction**, **text-to-speech conversion**, **house price prediction**, and **web scraping**.
- Achieved an overall **accuracy of 95%**, demonstrating strong understanding of AI model development and data analysis.

### ➤ **QR Code Generation** – *Individual Project (2025)*

- Developed a **Python-based application** for **QR code generation and dynamic modification** using the **qrcode module** from the Python library.

## INTERSHIP

### ❖ **Internship** at **AIMR Edu LLP** .

In **Data Visualization using Python** with AI  
ML from 03/09/2024 to 06/09/2024.

## CERTIFICATIONS

- ❖ Completed **Business English Certification course with grade B** per the Academic Year **2023-2024** by **GetGrad Global Pvt.ltd**.
- ❖ Completed **Data Structures Training** from **Tech Augusta Pvt Ltd.**, delivered by DataTech.ai issued on **20/6/2024**.
- ❖ Completed **Python, C Programming Workshop Participation** Certifications from **Skilltimate Technologies** in the month of **June 2024** and **December 2024**.
- ❖ Completed Certifications from **Solo learn** on **python** and **coding Foundations** issued on **September 9,2024**.
- ❖ Completed a 50-day Certification Program in Data Structures and Algorithms using Python from Udemy (**September–October 2025**).
- ❖ Completed Certification from **Free Code Camp** on **Responsive web design** issued on **July 8,2025**.
- ❖ Completed Certification from **Dev Town** on **Tailwind CSS Course** (5 days) in the month of **July,2025**.
- ❖ Completed Creation of Basic **Ai Agents** by Nick Saraev in the month of **August,2025**.

## ACHIEVEMENTS

- Participation Certificate from **Vishesh-2K24** (a Two-Day Project Expo at Malla Reddy Engineering College, Hyderabad) held on 27 and 28, **September 2024** with Project called **GET CONNECTED**.
- Participation Certificate in **Idea and Innovation Hackathon** in MRCET college
- Certification in **Azure AI Fundamentals** from **Microsoft, Hyderabad** issued on **March 28, 2025**
- Participation Certificate from **Microsoft** on **Prompt Engineering** Conducted by Reliance Digital issued on September 2025.
- NMMS Scholarship Holder in the year 2019.

(K.SHARANYA)

