

SHARANYA KATHROJU

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Telangana, India

Location: Hyderabad,

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 **Skillultimate 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)

