

# MOHAMMAD SHAFEE UR RAHAMAN

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## OBJECTIVE

Motivated Data Science Engineering student seeking to leverage skills in machine learning, data analysis, and AI to contribute to innovative projects in a dynamic team environment.

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## EDUCATION

ACE Engineering College  
India B.Tech, Data Science Engineering; CGPA: 7.71

Hyderabad,  
2021 - 2025

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## SKILLS SUMMARY

**Programming Languages:** Python, C++

**Data Analysis & Tools:** Pandas, NumPy, SQL, Tableau, Power BI, Data Visualization, Statistical Analysis

**AI & Machine Learning:** Prompt Engineering, Zero-shot/Few-shot Learning

**Soft Skills:** Critical Thinking, Problem Solving, Communication, Team Collaboration

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## EXPERIENCE

### Python Engineer – Gen AI Intern

*ADVI Group of Companies · Feb 2025 – Aug 2025 · Hyderabad*

- Developed and deployed Python-based Generative AI solutions, improving LLM output accuracy by **20%**.
- Built AI pipelines with Hugging Face Transformers, LangChain, and REST APIs, reducing inference time by **25%**.
- Automated text and image-based workflows, boosting productivity by **30%**.
- Collaborated with teams to deliver AI-driven features, cutting project timelines by **15%**.

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## PROJECTS

### Cricket Player Performance Prediction

- Developed a machine learning model using Python and Pandas to predict cricket match outcomes based on historical player performance data.
  - Optimized algorithms to improve prediction accuracy by 15%, enhancing model reliability for real-world applications.
- 2024

### GestureTalk Real-Time Sign Language Recognition and Animation System

- Built a real-time sign language communication system using YOLO and DWpose for gesture recognition, and 3D avatar animation for realistic sign representation. Integrated speech recognition, NLP, and gesture detection to enable two-way communication.
- Integrated speech recognition (Google Speech API) and natural language processing (NLTK/transformers) to enable two-way communication between deaf and hearing users. Optimized performance using OpenCV, PyTorch, and real-time inference pipelines.

## **CERTIFICATIONS**

### **Certified by Micro1**

- Successfully passed AI interview; recognized as a Data Science Engineering Student (May 2025)

### **UiPath RPA - Infosys Foundation**

- Acquired skills in Robotic Process Automation (RPA), focusing on automating repetitive tasks using UiPath.

### **Prompt Engineering for Generative AI**

- Mastered prompt engineering techniques for text and image-based AI models, including building custom GPTs for specific applications.

### **Business English Certificate - Cambridge University**

- Demonstrated proficiency in English for professional contexts, enhancing communication skills in business settings.

### **Python Programming - Rinex**

- Gained foundational programming skills in Python, focusing on practical applications in data science.