

Mohammad Shafee Ur Rahaman

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Profile

Computer Science graduate specializing in Data Science with hands-on experience in Generative AI, backend integration, and web development. Skilled in Python, AI/ML, and modern frameworks, with a strong foundation in data structures, algorithms, and object-oriented programming. Passionate about building scalable solutions, workflow automation, and impactful technology experiences. Seeking opportunities to contribute to innovative teams and grow through continuous learning and collaboration.

Core Skills

- **Programming:** Python, C++, SQL
- **AI / Machine Learning:** NLP (applied), Gen AI, Prompt Engineering, ML-based Prediction Models
- **Frameworks & Libraries:** PyTorch, Hugging Face, LangChain, LightGBM
- **Web Technologies:** HTML, CSS (implementation & debugging)
- **Core Concepts:** Basic DSA, OOPs (fundamentals), Model Evaluation
- **Tools & Systems:** Git, Linux, Power BI, MS Office

Projects

Gesture Talk – Real-Time Sign Language Recognition ([Link](#)) 2025

- Built a computer vision + NLP system using YOLO, DWpose, PyTorch for sign language translation.
- Achieved real-time inference at **25 FPS** with translation accuracy above **92%**.

Personal Habit Tracker (AI-Assisted Web App) ([Link](#)) 2025

- Developed a modular React + TypeScript app.
- Professionally leveraging Generative AI through structured prompts to accelerate development while owning logic and design.

Cricket Player Performance Prediction ([Link](#)) 2024

- Built ML pipeline in Python using LightGBM with historical player and match data.
- Improved prediction accuracy by **15% (RMSE reduction)** over baseline models.

Experience

Python Engineer Intern – Generative AI

Feb 2025 – Jul 2025

ADVI Group of Companies, Hyderabad

- Designed and deployed LLM-based automation pipelines using Hugging Face and LangChain for structured and unstructured data.
- Automated workflows, reducing processing effort by **30%** across internal teams.
- Optimized prompt design and backend inference, improving system efficiency by **25%**.
- Led testing and documentation to ensure reliability and smooth handoff of AI modules.

Education

ACE Engineering College, Hyderabad

B.Tech – Computer Science (Data Science) CGPA: **7.71**

2021 – 2025

Narayana Junior College, Hyderabad

MPC (Maths, Physics, Chemistry) Percentage: **92.3%**

2019 – 2021

Certifications

- Prompt Engineering for Generative AI
- Python Programming – Rinex
- UiPath RPA – Infosys Foundation
- Data Science AI Interview Certified – Micro1
- Business English Certificate – Cambridge University