

# Shaik Mudassir

## AI/ML Intern

Hyderabad, India

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[Website](#) | [Github](#) | [LinkedIn](#)

## Objective

Eager to contribute to impactful projects in AI/ML, leveraging my practical experience in deep learning, NLP, and real-time applications with a strong problem-solving mindset. Currently upskilling in Data Science while contributing to freelance projects to stay industry-ready.

## Skills

- **Programming:** Python, SQL, Bash, JavaScript, HTML/CSS
- **AI/ML:** Supervised/Unsupervised Learning, Reinforcement Learning, Deep Learning, NLP, Computer Vision, TensorFlow, PyTorch, MLflow, Scikit-learn, Pandas, NumPy
- **Generative AI (GenAI) & Large Language Models (LLMs):** LangChain, Prompt Engineering, OpenAI API, GPT-4, SentenceTransformers (SBERT)
- **Visualization/BI Tools:** Tableau, Power BI, Matplotlib, Seaborn, Advanced Excel
- **Web Development:** Django, Flask, HTML/CSS/JS, REST APIs, Vercel
- **Other:** Git, Data Structures and Algorithms, Agile, SDLC, Logical Reasoning

## Work Experience

### MCI Constructions and Interiors

*Freelance Web Developer*

Hyderabad, India

Oct 2024 – Dec 2024

- Designed and developed a company website using Django to showcase services, client testimonials, and completed projects.
- Implemented contact forms, admin dashboard for updates, and integrated mobile-responsive design.
- Improved site visibility and client engagement through SEO and intuitive navigation.

### Datapoint Info Solutions Pvt. Ltd.

*AI/ML Intern*

Hyderabad, India

May 2023 – Jun 2023

- Collaborated on AI-driven projects that use Python and machine learning techniques.
- Assisted in data collection, preprocessing, and deep learning model implementation.
- Recognized for strong problem-solving and effective team collaboration.

## Projects

### Portfolio Website

*Aug 2024 – Sep 2024*

Django, HTML/CSS/JS

- Designed and developed a dynamic personal website using Django framework to showcase AI/ML projects, resume, and contact form.
- Integrated GitHub repositories, project demos, and write-ups to demonstrate technical depth.
- Deployed on Vercel with a custom domain [shaikmudassir.tech](https://shaikmudassir.tech) and implemented SEO optimization.

### **Hand Gesture Recognition System**

Python, OpenCV, TensorFlow

*Dec 2023 – Apr 2024*

- Built a real-time computer vision system that detects and classifies hand gestures from webcam input using CNN.
- Implemented custom-trained deep learning models using TensorFlow and Keras to distinguish 6+ gesture classes.
- Enabled scroll, zoom, and select functions via gesture control using background subtraction and contour detection.
- *Keywords: Real-time Computer Vision, TensorFlow, OpenCV, CNN, Gesture Recognition*

### **Fake News Detection with NLP and Blockchain**

Python, NLTK, Blockchain

*Jun 2023 – Aug 2023*

- Developed a two-layered system where NLP techniques detect fake news articles and blockchain ensures tamper-proof storage.
- Used Reinforcement Learning to classify news as real or fake with 92% accuracy on benchmark datasets.
- Designed a Python-based private blockchain to verify article authenticity and prevent misinformation.
- *Keywords: NLP, Fake News Detection, Blockchain, Reinforcement Learning*

### **Vehicle Speed Detection**

Python, OpenCV

*Apr 2023 – May 2023*

- Built a real-time traffic surveillance system using OpenCV to calculate speed of moving vehicles from video footage.
- Employed object tracking and frame rate timing to detect speed violations.
- Integrated license plate detection and visual overlays for violation flagging.
- *Keywords: Object Tracking, OpenCV, Video Analysis, Speed Detection*

### **Hospital Management System**

Flask, HTML/CSS/JS

*Feb 2023 – Apr 2023*

- Designed a full-stack web application with role-based access control for doctors, patients, and admin.
- Implemented CRUD operations, appointment scheduling, login authentication, and patient record management.
- Focused on clean UI/UX and secure database interactions using SQLAlchemy ORM.

## **Education**

### **Zenvius Infotech Training Institute**

*Data Science Training Program (Ongoing)*

Hyderabad, India

Jan 2025 – Present

### **Lords Institute of Engineering & Technology**

*Bachelor of Engineering in Computer Science*

Hyderabad, India

Oct 2020 – Sept 2024

### **Narayana Jr. College**

*12th Standard (Intermediate)*

Hyderabad, India

Mar 2018 – Mar 2020

### **Nalanda Public School**

*10th Standard (SSC)*

Hyderabad, India

Apr 2016 – Apr 2018

## **Certifications & Achievements**

- **Certifications:** HackerRank Python, HackerRank Problem Solving
- **Achievements:** 5-Star Badges in C, Python, Java; Top 2 in Coding Competition