

Momin Sikandar

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WORK EXPERIENCE

[Mavericks United](#) | Machine Learning Intern

(July 2025 _ Sep 2025)

- Scrape jobs from multiple job portals using query-based search with Selenium and minimal libraries.
- Apply a sequential model to extract relevancy and improve ranking with machine learning-based text classification.

[Knowledge Streams](#) | Trainee Data Science

(Oct 2024 – Dec 2024)

- Designed and improved systems to process large datasets more efficiently and accurately using tools like Pandas, NumPy, and SQL.
 - Built and applied machine learning and deep learning models to predict sales trends and support data-driven decisions.
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PROJECTS

IntelliAgro - AI-Powered AgroDrone [Link](#)

- Developed a YOLOv8-based crop disease detection system, achieving over 90% accuracy on 5,000+ images.
- Integrated Flask API and BLE for drone spraying, reducing detection time by 70%.

Technologies: (YOLOv8, Flask, Python, BLE, Tello, Thonny)

Ethereum Price Prediction [Link](#)

- Developed a predictive model using Long Short-Term Memory (LSTM) networks to forecast Ethereum prices based on historical closing price data.
- Preprocessed and scaled six years of Ethereum price data (2018–2024) for effective time series modeling.
- Built and trained the LSTM model, enabling the prediction of Ethereum price trends for the next 60 days.

Technologies:(Python,TensorFlow,Keras,LSTM,Pandas,Matplotlib)

Quizley-App [Link](#)

- Developed a Flask-based web application that extracts content from PDF and DOCX files using LangChain loaders.
- Integrated Cohere's large language models to generate summaries, multiple-choice, short-answer, and curiosity-driven questions.

Technologies:(Python, Flask, LangChain, Cohere API,NumPy)

CORE SKILLS

Languages: Python, SQL, AIML

Frameworks: Pandas, Numpy, Scikit-Learn,LangChain,Selenium

Platforms: Google Colab, Jupyter Notebook, Visual Studio Code

Soft Skills: Excellent communication, stakeholder management, people leadership

EDUCATION

[University of Management and Technology](#)

BS Artificial Intelligence

(Sep 2021– July 2025)

[Mir Haji Khuda Bux Government Degree College](#)

Fsc Pre Engineering

(April 2017 _ Aug 2019)