

# RASHEEQUE AHAMMED RAHIM

AI & ML Development Engineer

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🔗 GitHub-Rasheeque

🔗 Personal-Portfolio

## PROFILE

Motivated AI/ML Development Engineer with hands-on experience in building scalable machine learning and deep learning solutions. Proficient in Python and frameworks like TensorFlow, PyTorch, and scikit-learn. Demonstrated success in NLP, computer vision, and real-time ML applications. Strong analytical mindset and collaborative approach, eager to contribute to innovative AI-driven products.

## TECHNICAL SKILLS AND CERTIFICATIONS

### Technical Skills

- **Machine Learning & AI:** TensorFlow, PyTorch, scikit-learn, NLP (BERT, LLaMA), Computer Vision (YOLO)
- **Programming:** Python (Pandas, NumPy, OpenCV), R, SQL
- **Data Tools:** Tableau, Power BI, Excel (Advanced), MySQL, Git
- **Cloud Technologies:** Google Cloud Platform (Networking, Security, ML APIs, BigQuery)
- **Data Engineering:** ETL pipelines, Data Modeling, Data Quality and Reliability, Schema Design

### Certifications

- IBM Generative AI Engineering with LLMs (Cousera)
- Machine Learning for Supply Chains (Cousera)
- Google Cloud Computing Foundations (Cloud Fundamentals, Infrastructure, Networking & Security, Data, ML, and AI)
- Certification Program in AI & Deep Learning Training Program offered by 360DigiTMG , Malaysia

## PROFESSIONAL EXPERIENCE

### Data Scientist Intern

2024/03 – 2024/10  
Bangalore, India

Innodatatics

- Built ML models using **TensorFlow/scikit-learn**, improving accuracy by **15%** via hyperparameter tuning.
- Preprocessed large datasets using **Pandas/NumPy** for feature engineering and model training.
- Deployed AI solutions for clients, reducing operational costs by **\$1M+** (e.g., syringe counting system).
- Collaborated on **NLP pipelines** (DistilBERT) and **Computer Vision** (YOLO) projects.

## KEY PROJECTS

### EMOTION DETECTION AND ADAPTIVE RESPONSE SYSTEM

2024/11 – 2025/01

Ai/ML engineer

- Developed emotion-aware chatbot using DistilBERT & LLaMA with GoEmotions dataset.
- Deployed on Hugging Face with interactive UI via Streamlit.

Tools: Python, Transformers, Hugging Face, Streamlit

### SYRINGE AND VIAL COUNTING SYSTEM USING IMAGE PROCESSING

2024/07 – 2024/10

DATA SCIENCE & AI

- Built YOLO-based object detection model to automate medical inventory counting.
- Achieved 96% accuracy, reduced manual work by 10%, and saved over ₹1M in costs.

Tools: Python, OpenCV, YOLO, Streamlit

### SOLAR POWER GENERATION PREDICTION MODEL

2024/03 – 2024/06

DATA SCIENCE

- Predicted energy output using Random Forest, SVM, and Decision Trees.
- Boosted production by 10% and reduced downtime by 20% with 95% accuracy.

Tools: Python, scikit-learn, Pandas, NumPy

## EDUCATION

### Amrita Vishwa Vidyapeetham (Amrita AHEAD)

2023 – 2025

Masters in Computer Application (Specializing in Artificial Intelligence)

### College Of Applied Science Koothuparamba

2020 – 2023/04

BSc Computer Science

Kannur, India