

Rezaul Karim

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🌐 <https://www.youtube.com/@learnwithme6392>



Career Objective

As a dedicated AI Engineer with a strong foundation in machine learning, deep learning, and data Science, I specialize in building and deploying intelligent systems that solve real-world problems. I bring hands-on experience in Python, NLP, GAN , RAG and predictive modeling, and am passionate about designing scalable AI solutions, integrating models into production environments, and using data-driven insights to support innovation and strategic decision-making.

Education

Degree	Concentration	Institution	GPA/CGPA
Bachelors	Computer Science and Engineering	Green University of Bangladesh	3.25
Higher Secondary Certificate	Science	Carmichael Collegiate School & College	4.50
Secondary School Certificate	Science	Deuty School & College	4.68

Experience

Position	AI specialist (Software Development and Maintenance)
Organization	Battery Low Interactive
Job Contexts	Analytical Skills, Data Validation, Microsoft PowerPoint, Technical Solution Design, Technical Specs. Created interactive dashboards and reports using data visualization tools etc. Business Requirements, Product Demonstration, Project Evaluation, Software Architecture, Software Maintenance, Software Requirements, Technical Advisory
Duration	May, 2021 – August, 2023

Position	AI Engineer
Organization	Bulipe Teach LTD
Job Contexts	Developed ML curricula, Analytics, Big Data, Marketing, Negotiation, and Statistics Explained complex algorithms, Provided industry insights , Designed real-world case studies, guided through ML tools, Autonomous ETC.
Duration	Currently Working

Skills

Topic	Detail	Expertise Level
Programming	Java, C, Python, R, React and JavaScript	Advanced
Data Analytic	Data Cleaning, Data Visualization, Statistical Analysis, Data Manipulation,	Advance
Machine learning	Supervised, Unsupervised, Reinforcement, Ensemble Learning, DBSCAN Clustering, Silhouette Score, TensorFlow, Keras , Sklearn	Advance
Generative AI	Large Language Models, T5 , llamaindex, RAG, GANs , Fine-Tuning LLMs , AI Agent , AutoGen	Advance
Data Science	Deep learning, statistic, Neural Language Processing, computer vision, Business intelligence	Advance

Projects

Title	AI-Base -1: Intelligence-ChatBot-using-RAG
Description	Developed an AI chatbot using RAG with FAISS for semantic search, OpenAI/Hugging Face for embeddings, and LangChain for real-time document querying. Built Streamlit/FastAPI interface to enhance response accuracy and reduce hallucinations in domain-specific conversations.
Tools	Python, Hugging Face Transformers, FAISS , LangChain, OpenAI API, Streamlit Vector Embeddings, LLM (GPT)

Title	ML & Deep learning – 2 : Sentiment analysis on social media monitoring
Description	Developed a machine learning and deep learning-based Sentiment analysis system using NLP and CNN techniques.
Tools	Python , NLP, Pandas , Seaborn , TensorFlow ,
Title	ML/AI-focused CV - 3 : Audio-to-Text-generate
Description	Audio to Text Transcription using Whisper: Developed an audio-to-text pipeline using OpenAI's Whisper model for multilingual transcription. Preprocessed audio data, handled noise reduction, and generated clean transcripts
Tools	Python , FastAPI, Pydub , Colab, OpenAI

Technical Skill

Fast API, Flask, Streamlit , Docker, AWS, Heroku, GCP

Problem Solving

Online Judge	Problem Topics	Online Judge URL	GitHub URL
Bee crowd	Beginner level , String ,Data Structure , Ad-Hoc	Bee crowd-URL	Beecrowd-gt'thUb

Training

Training Topic	Institution	Credential
Machine Learning	WsCube Tech	ML-URL
Python Programming	Bro coding	Pyhton-URL
Data Analytic	WsCube Tech	DA-URL
NLP & ML	National Students Data Cops	nLp-mL-UFL
Data Science	Alison	Data url

References

Name	Designation	Organization	Contact NO.
Johurul Islam	Sr . AI Engineer	Bulipe Teach ltd	01646829987
Pias Barua	Web Developer	Creative IT	01623347438