

# Rakib Uddin

AI/ML Enthusiast | Competitive Programmer

✉ rakibuddinraki2003@gmail.com ☎ 01609980287 📍 Cox's Bazar 🔗 Portfolio 🐙 Github 🌐 LinkedIn

## PROFILE

- Passionate about designing intelligent systems that learn from data and adapt to solve real-world problems. I actively explore the fields of machine learning, deep learning, natural language processing, computer vision, reinforcement learning, and AI, while sharpening my problem-solving skills through competitive programming. Skilled in algorithms, data structures, and statistical modeling, I aim to bridge theoretical concepts with practical applications.

## EDUCATION

### • B.Sc. in Computer Science & Engineering

Cox's Bazar International University

08/2023 – present

Cox's Bazar, Bangladesh

**Relevant Coursework :** Machine Learning, Natural Language Processing, Database, Data Structures, Algorithms.

## SKILLS

- Programming Languages: C,C++,Golang ,Python,JavaScript, TypeScript, Java,R.
- Machine Learning & AI: TensorFlow, Keras, PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, OpenCV, YOLOv5, Seaborn,Transformers.
- AI Automation: LangChain, Retrieval-Augmented Generation (RAG), GraphRAG.
- Tools & Platforms: Git, DVC,Docker,Grafana, Kubernetes, Linux, Windows,Hugging-face.

## PROJECTS

### • End to End MLOps project for Car Price Prediction. 🔗

Developed an end-to-end MLOps pipeline for car price prediction, including data preprocessing, model training, deployment, and monitoring. Integrated automated workflows for scalable and continuous delivery using tools like MLflow and Docker.

**Tools :** Docker,Kubernetes,CI/CD pipeline,AWS,MLflow.

### • Fine-tuned Image Classification Model For Pets 🔗

Developed a finetuned image classification model using Vision Transformers and oxford-pets dataset.

**Tools :** Computer Vision,CNN,TensorFlow,Python,Vision Transformers,Gradio.

### • Fine-tuned Audio Classification Model 🔗

Finetuned a pre-trained audio classification model on custom datasets to accurately detect and classify sound events.

Improved model performance through data augmentation and hyperparameter tuning.

**Tools :** Pytorch,Torchvision,Librosa,Gradio,Transformers.

## COMPETITIVE PROGRAMMING

- **Solved:** 1000+ problems across all platforms.
- **LeetCode:** rakib730(Max Rating: 1538, Solved: 160+)
- **CodeChef:** rakib730(Max Rating: 1707, Solved: 70+)
- **Codeforces:** Rakib731(Max Rating: 1288, Solved: 700+)
- **LightOJ :** rakib730(Solved: 25)

2023 – present

## CERTIFICATES

### • Machine Learning with Python(IBM Coursera).

Supervised/unsupervised learning, best practices, and real-world ML applications.

### • Quantum Program-2025

Quantum solvers: algorithms for the world's hardest problems.

### • Deep learning & Reinforcement Learning (IBM Coursera).

ANN, CNN, RNN, Python, Reinforcement Learning, and Potato Disease Projects.

## LANGUAGES

• English ● ● ● ● ● • Bangla ● ● ● ● ●

## HOBBY

- Qawwali Singing,Travelling,Coding.