

Md. Hasibur Rahman

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LinkedIn | Kaggle | GitHub | Leetcode

About Me

I am a dedicated Machine Learning Engineer with extensive hands-on experience in AI-driven solutions. My expertise spans deep learning, data annotation, and model optimization. I am passionate about leveraging cutting-edge ML techniques to solve complex problems, and I am committed to continuous learning and development to deliver impactful, scalable solutions in the field of AI/ML.

Education

Green University of Bangladesh, BSc in CSE June 2021 – June 2025

- CGPA: 3.95/4.0

Experience

Jr. ML Engineer (R&D Department), Bondstein Technologies Limited, Tejgaoan September 2025 - Ongoing

- ANPR, PadleOCR
- Object Detection, Facial Recognition

Data Annotator (R&D Department), Bondstein Technologies Limited, Tejgaoan May 2025 - August 2025

- Data Annotation using Roboflow
- Work on paddleOCR Fine Tune

Intern, Machine Learning (R&D), Bondstein Technologies Limited, Tejgaoan February 2025 - May 2025

- Data Annotation using Roboflow
- paddleOCR R&D, fine tune for Bangla language support

Intern, AI Engineer, ROHUM, Turkey(Remote) February 2025 - May 2025

- Use AI Agent, LLM, FastAPI
- Make Crypto Bot, Build API, Deploy Azure VM

Intern at GUB EDGE Project, Green University of Bangladesh, Dhaka August 2024 – Jan 2025

- Assisting GUB EDGE Project under the supervision of Prof. Dr. Md. Ahsan Habib
- Make Class Routine and course outline, Class time support

TA on Structured Programming, Green University of Bangladesh, Dhaka May 2023 - Aug 2023

- Mentoring Students by giving lecture
- Teach C programming

Projects

CIFAR-10 Image Classification with Gradio, PyTorch & MLflow 2025

- Exploratory Data Analysis (EDA) with pandas and seaborn
- Custom Data Pipeline using torchvision.transforms, Model Training using PyTorch Lightning
- Pretrained Model (ResNet-18) for High Accuracy(85) using simple it was 79
- Tools Used:** Python, PyTorch, PyTorch Lightning, MLflow, Gradio, NumPy, Pandas, Seaborn, Matplotlib
- Link:** Demo Video | GitHub

Online Medical Sheba (Web App) || Group Project || Best Project Award 2024

- AI-powered chatbot for symptom analysis, Doctor Appointments System
- Doctors, ambulance, hospital, and blood donor finder, Online Medicine Store, prescription management, Secure payments and user-friendly dashboards
- Tools Used:** Django, MySQL, HTML, CSS, JavaScript, Bootstrap, Python, Gemini API, Google Map API
- Link:** Demu Video | Project Report | Poster Presentation

Healthcare Chatbot	2024
<ul style="list-style-type: none"> Information retrieve from database based on query, Assist finding hospital, Ambulance and Doctor Informations and Health tips Using GAI Tools Used: Python, Django, MySQL, PyTorch, Transformers, Gemini API, HTML, CSS, JavaScript, pre-trained BER model Link: Demo Video Project Report 	

Coffee Shop Sales Dashboard	2024
<ul style="list-style-type: none"> Data Analysis with Python, Exploratory Data Analysis (EDA) Dashboard with Microsoft Power BI Tools Used: Python, Power BI, Numpy, Pandas, Seaborn Link: GitHub Dashboard PDF 	

Tools & Technologies

AI & Machine Learning: Supervised Learning, Unsupervised Learning, Image Processing, Deep Learning, LLM, Computer Vision

Programming & Databases: Python, FastAPI, MySQL, SQLite

Presentation & Content Creation: PowerPoint, Canva, AI-based content generation tools

Data Analysis & Visualization: Power BI, Pandas, Seaborn, Matplotlib

Courses

Deep Learning with Computer Vision , Innovative Skills BD	Feb 2025 - Ongoing
Python with Django , EDGE Project	Sep 2024 - Feb 2025
Machine Learning Bootcamp , bongoDev	August 2024 - January 2025
Machine Learning A-Z: AI, Python , Udemy	January 2024 - August 2024
Intro to Machine Learning, Intermediate Machine Learning , Kaggle	April 2024 - May 2024

Extracurricular activities

Joined Techno Crats Hackathon , IUBAT Dhaka Divisional Hackathon	2024
Joined Data Hackathon , Comilla University IT Fest 2024	2024
Kaggle Datasets, Notebooks Expert , Kaggle	2024 - ongoing
Campus Ambassador , bongoDev	August 2024 - ongoing
Publication Secretary , Green University Computer Club	Jan 2023 - Feb 2025

Awards and Certifications

VC Award: 8 times
Dean Award: 1 times
Best Project Award: Integrated Design Project-2 Poster Presentation
Lots of Volunteer Certificates and Course Certificates

Publications

Priority-Aware Task Offloading for Latency and Energy Minimization in Healthcare IoT Systems , <i>IEEE SMC 2025, Austria</i>	December 2025
PhishGuard: A Multi-Layered Ensemble Model for Optimal Phishing Website Detection , <i>6th International Conference on STI 2024, Dhaka</i>	December 2024

References

Professor Dr. Md. Ahsan Habib
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