

# 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

<b>Green University of Bangladesh</b> , BSc in CSE	June 2021 – June 2025
• CGPA: 3.95/4.0	

## Experience

<b>Jr. ML Engineer (R&amp;D Department)</b> , Bondstein Technologies Limited, Tejgaoan	September 2025 - Ongoing
• ANPR, PadleOCR	
• Object Detection, Facial Recognition	
<b>Data Annotator (R&amp;D Department)</b> , Bondstein Technologies Limited, Tejgaoan	May 2025 - August 2025
• Data Annotation using Roboflow	
• Work on paddleOCR Fine Tune	
<b>Intern, Machine Learning (R&amp;D)</b> , Bondstein Technologies Limited, Tejgaoan	February 2025 - May 2025
• Data Annotation using Roboflow	
• paddleOCR R&D, fine tune for Bangla language support	
<b>Intern, AI Engineer</b> , ROHUM, Turkey(Remote)	February 2025 - May 2025
• Use AI Agent, LLM, FastAPI	
• Make Crypto Bot, Build API, Deploy Azure VM	
<b>Intern at GUB EDGE Project</b> , 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	
<b>TA on Structured Programming</b> , Green University of Bangladesh, Dhaka	May 2023 - Aug 2023
• Mentoring Students by giving lecture	
• Teach C programming	

## Projects

<b>CIFAR-10 Image Classification with Gradio, PyTorch &amp; MLflow</b>	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	
• <b>Tools Used:</b> Python, PyTorch, PyTorch Lightning, MLflow, Gradio, NumPy, Pandas, Seaborn, Matplotlib	
• <b>Link:</b> Demo Video   GitHub	
<b>Online Medical Sheba ( Web App )    Group Project    Best Project Award</b>	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	
• <b>Tools Used:</b> Django, MySQL, HTML, CSS, JavaScript, Bootstrap, Python, Gemini API, Google Map API	
• <b>Link:</b> Demu Video   Project Report   Poster Presentation	

## Healthcare Chatbot

2024

- 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

- 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

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**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

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**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

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**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

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**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

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**Priority-Aware Task Offloading for Latency and Energy Minimization in Healthcare IoT Systems**, IEEE SMC 2025, Austria

December 2025

**PhishGuard: A Multi-Layered Ensemble Model for Optimal Phishing Website Detection**, 6th International Conference on STI 2024, Dhaka

December 2024

## References

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Professor Dr. Md. Ahsan Habib

Salman Md Sultan

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