

# MD:Ishtiak Alam Rafi

AI Engineer



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🐙 [github.com/Ishtiak12](https://github.com/Ishtiak12)

🤖 <https://huggingface.co/Ishtiak12>

🏆 <https://www.kaggle.com/mdishtiakalamrafi>

## 📄 PROFILE

I specialize in AI development, automating workflows, and optimizing machine learning models for tasks like NLP, image recognition, and speech processing. I bring value by enhancing productivity through automation, driving innovation with rapid prototyping, and enabling data-driven decision-making to help companies achieve their goals efficiently.

## 🎓 EDUCATION

### BSC in CSE

Southeast University

2019 – 2024 | Dhaka, Bangladesh

### Higher Secondary certificate

Gaibanda Sadar Upazilla Model School and College

2017 – 2018 | Gaibandha, Bangladesh

### Secondary School Certificate

Gaibanda Sadar Upazilla Model School and College

2015 – 2016 | Gaibandha, Bangladesh

## 💼 PROFESSIONAL EXPERIENCE

### Nano Information Technology(Nanosoft)

AI Engineer

01/2024 – present | Dhaka, Bangladesh

As an AI Engineer at Nanosoft, your role involves designing and deploying AI models to solve complex problems, automating workflows, and optimizing systems for efficiency. You contribute by leveraging advanced machine learning techniques, driving innovation in AI solutions, and supporting data-driven decision-making to meet Nanosoft's technological objectives.

## 📖 PUBLICATIONS

### Breast Cancer Detection with VGG16: A Deep

Learning Approach with Thermographic Imaging [🔗](#)

## 📜 CERTIFICATES

- Machine learning IBM Certified



## SKILLS

TensorFlow



Python



Flask

Machine Learning



scikit-learn,Pandas,pydub,Numpy,Algorithms

Deep Learning



Natural Language Processing (NLP)



Large Language Model(LLM)



Generative AI



Database



MySQL,MONGODB

Java



SpringBoot

Project Management



Embedded Engineering



WEB APPLICATION



PHP,LARAVEL,BOOTSTRAP



## PROJECTS

Speech Recognition

Face Recognition

People Count

OCR (English,Bangla)

Chatbot(Rasa,Google API)

Voice to text(Audio,Vedio) English&Bangla

Encrypted pdf & Watermark

Breast Cancer Identification with CNN

Heart Disease detection with ANN

Bank Management System(Role Based) Java

SpringBoot

## LANGUAGES

Bengali

English

## REFERENCES

**MD. Mizanur Rahman**, *Assistant Professor*,  
Southeast university  
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