

# Md. Rakibul Hasan Naym

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## CAREER ASPIRATION

To obtain a position in a challenging and competitive environment where a strong sense of responsibility and commitment are required to dedicate my analytical, decision-making, and communicative skills, along with my professional and academic experiences and ability to work well with people for the betterment of the organization.

## JOB EXPERIENCE

### ❖ Junior Artificial Intelligence Engineer (*Running*)

*HawkEyes Digital Monitoring Limited, Dhaka*

March, 2023.

- Build **Custom Dataset** for **AI training** using (Label-studio, Roboflow, Labelimg and Labelme).
- **Train** different **AI** models and perform **Hyper-parameter Tuning** the ensambled models using **Python** (LocalMachine, Google Colaboratory and Vast-AI) for commercial use.
- Create **Deployment Architecture** on Python (Asynchronous and Multithreading).
- Build **API** to Integrate AI Response in the mobile app and website using FastAPI.
- **Boost AI Model Performance** if needed.

### ❖ Data Analyst

*Quantanite, Dhaka*

February, 2023.

- Received training on **Data Filtering** and **Catalogue Building**.
- **Quality Assurance** and maintaining a daily target.
- **Analyzing Errors** and Creating **Reports** to TL on a daily basis.

## PROJECTS ACCOMPLISHED

- ❖ *Identity Verification with NID using AI*, Dhaka, 2023.
- ❖ *Face Matching using AI*, Dhaka, 2023.
- ❖ *ChatBot to response over Excel using NLP*, Dhaka, 2023.
- ❖ *Speech Recognition from conversation using NLP*, Dhaka, 2023.
- ❖ *AI based Sentimental Analysis API*, Dhaka, 2023.
- ❖ *Real-time Face-Landmark and Body detection using Python*, Dhaka, 2023.
- ❖ *Custom Speech Recognition AI*, Dhaka, 2023.
- ❖ *Laser Security System based on Transistor (BC547)*, Manikganj, 2023.
- ❖ *Laser Security System using ARDUINO and C++*, Manikganj, 2023.
- ❖ *Fire Detection with Surveillance Camera using AI*, Upwork, South Korea, 2022.
- ❖ *Artificial Intelligence Based Accident Detection System*, Upwork, Saudi Arabia, 2022.
- ❖ *Methane Detection with Computer Vision (AI) from Satellite*, Upwork, Hong Kong, 2021.
- ❖ *Artificial Intelligence Based Face Detection System*, Upwork, Saudi Arabia, 2021.
- ❖ *Collision Detection and Alarm System of a CC Camera using AI*, EEE, BUBT, 2021.
- ❖ *RF Based Home Automation System using Proteus*, EEE, BUBT, 2021.
- ❖ *Designing Automatic Mobile Charging Circuit using LM311 and SCR*, EEE, BUBT, 2020.

## ACADEMIC EDUCATION

Exam Title	Major	Institute	Result	Passing Year
BSc	EEE	Bangladesh University of Business and Technology	CGPA: 3.75 out of 4	2021
Diploma	Glass	Bangladesh Institute of Glass and Ceramic	CGPA: 2.98 out of 4	2017
SSC	Science	Manikganj Govt. High School	GPA: 4.19 out of 5	2012

## SOFTWARE SKILLS

- ❖ Computer Vision, Artificial Intelligence, Natural Language Processing, Audio Processing, Python, Building API, Asynchronous Programming, C++, Matlab, Proteus Simulation, EasyEDA Online Simulation, Circuit Design, Circuit Analysis, AutoCAD, Google Sheet, Microsoft Word, Excel, Access, PowerPoint, FL Studio, Adobe Audition.

## EXTRA ACTIVITIES

- ❖ **Workshop** : “How to be Job-Ready” organized by *Department of EEE of BUBT* on January 04, 2020
- ❖ **Volunteer** : “EEE day 2019” organized by *BUBT EEE CLUB* on February 26-27, 2019

## LANGUAGE PROFICIENCY

- ❖ Linguistic Proficiency on Bengali and English (Reading, Writing, Listening, Speaking).

## DECLARATION

I ensure that all information stated in this resume is true and complete to the best of my knowledge, I authorize the receiver of this resume to verify the information provided in this resume.



Md. Rakibul Hasan Naym