



# Tanvir Rahman Anik

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## EDUCATION

B.Sc in Computer Science & Engineering  
Ahsanullah University of Science & Technology (April 2018- December 2022)  
CGPA: 3.378 out of 4.00

## EXPERIENCE

Research Assistant at [Al Jouf University](#). (March, 2024 - Ongoing)  
(Part-Timer) Al Jawf, Saudi Arabia

As a research assistant guided by a distinguished professor, I leverage Machine Learning and Deep Learning to address pressing medical issues. From cancer diagnosis to plant disease classification, I'm dedicated to revolutionizing healthcare through advanced algorithms. Despite remote work, I collaborate closely with my mentor, analyzing data and pioneering solutions.

Machine Learning Engineer at [Bista Solutions Inc.](#) (July, 2023 - Ongoing)  
(Full-Timer) Dhaka, Bangladesh

My responsibilities involve contributing to the design and implementation of chatbots for various purposes, including sales and assistance. I ensure these solutions meet client needs and enhance user engagement. Additionally, I integrate advanced Machine Learning techniques to enhance chatbot capabilities. Furthermore, I conduct statistical analysis for sales-related prediction, providing actionable insights for decision-making.

## SOFTWARE PROJECTS

- [Django-Chatbot](#)   
Django, PostgreSQL, GPT-3.5  
The objective of this project is to build a chatbot using OpenAI's robust GPT-3.5 language model. A Django web application incorporates the chatbot, enabling users to communicate with it in real-time and receive responses based on natural language inputs.
- [Locate Me](#)   
Java, Android, Firebase, SQLite  
Android based mobile app that helps one to send their exact location to their close people, nearby hospital, police station in any kind of emergency situation.
- [Tech Review Point](#)   
C#, Asp.Net MVC, JS  
A web Application where user can share feedback/ reviews of different tech products.

## RESEARCH WORKS & PUBLICATIONS

1. Analysis of Automated Skin Disease Classification Exploiting Different Machine Learning Techniques  
2023 IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC 2023) Las Vegas, USA. Published Version: [\(IEEE Xplore\)](#)
2. An Empirical Study on Bengali News Headline Categorization Leveraging Different Machine Learning Techniques  
25th International Conference on Computer and Information (ICCIT 2022) - For Citation/Published Version: [\(IEEE Xplore\)](#)

## SKILLS

### Languages

Python, C, C++, Java, SQL

### Database

MSSQL, Firebase, PostgreSQL

### Framework & Libraries

Langchain, OpenCV, Flask, Tensorflow, Py-Torch, Keras, Pandas, Numpy, Matplotlib, Seaborn Android, Selenium WebDriver.

### Developer Tools

Anaconda, Google Colab, Kaggle, Label Studio, Visual Studio Code, Netbeans, Codeblocks

### DevOps Skills

Git, Github, Docker, Python, Bash, Virtualization(VMWare), CICD Pipeline, Nginx.

### Operating System

Windows, Linux (Ubuntu)

### Typesetting System

Latex.

### Others

Arduino, Proteus, Microsoft Office, Adobe Photoshop, Adobe After Effects.

## CO-CURRICULAR ACTIVITIES

1. Participated in Intra Aust Software Exhibition at Cefalo Code Fiesta -2022.
2. Participated in Intra AUST Programming Contest 2018, 2019, 2020, 2021
3. Participated in Soccer Bot section at Codeware Spring-19 in Ahsanullah University of Science & Technology.

## LANGUAGE

- Bengali (Native)
- English - C1 (IELTS 7.0 Overall)

## REFERENCE

Mr. Nazmul Hasan

Lead Network Engineer  
BRAC IT Services.

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