



# KAZI TANVIR AKTER

## COMPUTER ENGINEER

Aim to attain a position in an organization where I can learn new skills, expand my knowledge, and leverage my learnings. Strongly motivated to work hard and make the best of my potential to contribute to the organization's growth.

## EDUCATION

2018 – 2022

### Bachelor of Science in Computer Science and Engineering (BSCSE)

North South University, Dhaka-1229

CGPA: 3.65 (Achieved "Magna Cum Laude" academic praise)

2014 – 2016

### Higher Secondary Certificate (HSC)

Naogaon Govt. College, Naogaon

GPA: 4.42

2009 – 2014

### Secondary School Certificate (SSC)

Naogaon Zilla School, Naogaon

GPA: 5.00

## CONTACT

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## MANAGERIAL SKILLS

- Problem Solving
- Enthusiastic
- Time Management
- Fast Learner
- Analytical Ability
- Communication
- Agile
- Leadership
- Ambitious

## DEEP LEARNING SKILLS

### Languages and frameworks

- Python 3.7 and Later
- Tensorflow
- Pandas
- NumPy
- PyTorch
- Neural Networks (ANN, CNN, RNN)
- Transformer Models (BERT)
- Natural Language Processing
- RASA Open Source

### Tools and Software

- Google Colab
- Jupyter Notebook
- Anaconda
- PyCharm
- VS Code

### Operating Systems

- Windows
- Linux (Zorin OS and Ubuntu)

## EXTRACURRICULAR ACTIVITIES

### Fellow Member at 3ZERO Club

- Served as a Team Organizer and Technical Lead
- Worked for the "Zero Unemployment" sector via Technology and Innovation competency
- Organized campaigns, had online meetings directly with Dr. Muhammad Yunus, collaborated with international organizations, and organized websites and events to support students and local entrepreneurs

## WORK EXPERIENCE

Dec 2022 – Present

### Guest Officer

*Career & Placement Center, NSU*

- Responsible for further development of some features in the CPC portal
- Responsible for the entire management of the CPC portal
- Served as a Technical Key person at CPC
- Served as the B-JET & B-MEET Coordinator from NSU's end

Sep 2022 – Dec 2022

### Web Developer and Corporate Data Management Intern

*Career & Placement Center, NSU*

- Responsible for designing and implementing multiple Webpages in HTML5, CSS3, JavaScript, and PHP to make the official website of CPC looks more interactive and user friendly
- Managed Job Data and Corporate Data as one of the core website Admins
- Coordinated and attended events and important Corporate meetings with Director and Job Counselor
- Drafted meeting minutes

Aug 2022 – Present

### Teaching Assistant & Research Associate

*Department of Mathematics & Physics, NSU*

- Assisted the senior faculty members with script evaluation, question composition
- Served as exam invigilator
- Assisted students with their course related issues in office hours

## WEBDEV SKILLS

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### Expertise:

- HTML 5, CSS 3
- Bootstrap, Tailwind CSS
- JavaScript, ES6
- React JS
- React Router, AOS
- Node JS, Express JS
- Firebase
- JWT
- MongoDB
- Chart JS
- C, C++, Java (OOP)

### Familiar:

- PHP
- Laravel
- MySQL
- Material UI
- Redux
- Typescript
- React Native
- Python

### Tools:

- VS Code
- Git
- Netlify
- Heroku
- Figma
- Adobe Illustrator

## OFFICE SKILLS

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### Software:

- MS Word
- MS PowerPoint
- MS Excel

### Typing Speed:

- 40-45 WPM

## INTERESTS

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- Singing 🎤
- Playing Guitar 🎸
- Drawing 🎨
- Watching Movies 🎬

## PROJECTS

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**Title:** CAMZONE – An online camera shop (Webdev)

### Project Description:

- This website is a demo website of a camera selling online shop. React, Bootstrap, and React-router are used for frontend development, and Node JS, Express JS, MongoDB are used for the backend.
- User registration and login have been implemented using the Firebase authentication (Google and Email-Password).
- The website is able to handle two kinds of users: admin and normal user, a dashboard can be found after login based on the user type.
- A normal user can place an order, review the website, and remove unconfirmed orders. Whereas an admin can confirm an order, remove an order, add or remove a product, and make any user admin.

**Live Site:** <https://camzone-66568.web.app/>

**Client-side Code:** <https://cutt.ly/yB5hZko>

**Server-side Code:** <https://cutt.ly/BB5h2Yf>

**Topic/Title:** Chatbot to help with Mental Health (Deep Learning)

### Project Description:

- This is basically a conversational AI assistant that can detect any mental disorder of a user from chat, and if any disorder exists, then it can support the user based on the detection.
- The detection model is generated in Deep Learning approaches i.e., CNN, BERT and LSTM.
- The AI assistant part is developed with RASA framework. In the RASA SDK action server, some manual python classes and functions are written to get the user intents as RASA slots to pass it to the detection model to detect the disorder. According to the detection, RASA generates some intents to help and assist the user.
- This work based on a research work of some PhD students of Sungkyunkwan University, Korea.

**Report Link:** <https://cutt.ly/BB5fOIW>

### Other Important Projects:

- Bangla Inappropriate Content Detection System and Contrast data Analysis with Human Survey (Deep Learning and Data Analysis)
- TRAVELLICA – A Travel Companion (Webdev)
- INOVA – Eye Hospital (Webdev)
- ShipBid – Shipping Companion (Android App)

## ACHIEVEMENTS

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### Mercantile Bank Abdul Jalil Education Scholarship - 2012

Achieved financial scholarship based on merit, got felicitation and certificate.

### Sunrise Junior Star - 2014

Achieved 47th position based on several exams, got crest and certificate.

## COURSES AND CERTIFICATIONS

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### Complete Web Development Course With Jhankar Mahub

- Completed a rigorous amount of JavaScript, HTML, CSS and React.
- Completed three projects in MERN Stack and performed among the top 15% students of the course.

**Certificate Link:** <https://cutt.ly/RB5ajRP>

## REFERENCES

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### Dr. Md Harunur Rashid

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Department of Mathematics and Physics  
North South University, Dhaka-1229  
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