

# Md. Kamruzzaman

[f KZTanvirX](#) [KZTanvir](#) [KZTanvir](#) [in KZTanvir](#)

[✉ kamruzzaman.git@gmail.com](mailto:kamruzzaman.git@gmail.com)

[☎ +8801759800150](tel:+8801759800150)

## PROJECTS

### PYTHON AI-BASED CHAT ROOM | [LINK](#)

- Technologies: Tkinter, Socket, PyNgrok, GPT & Weather API
- Provides a user-friendly chat interface with bot support and a self-made game.

### GDRIVE BULK DOWNLOADER | [LINK](#)

- Technologies: Python, Google Drive API, OAuth2
- Developed a tool for bulk downloading files and folders from Google Drive with multiple account support.

### KZTPROXY | [LINK](#)

- Technologies: Socket, Pproxy, Quart, Hypercorn, Cryptography
- A proxy software to manage and connect on various protocols (socks5/4/4a, http/https, Shadowsock etc.).
- Custom rules for proxy management, config encryption, and loadbalancing.

### ROS AUTOMATION SYSTEM | [WEB](#)

- Technologies: HTML, CSS, JavaScript, Python, Flask, RouterOS
- Automated multi-router configurations with a responsive UI for users and admins.
- Real-time bKash PGW & Telegram bot integration.

## RESEARCH

### CROSS LINGUAL SENT: DATASET REFINEMENT AND SENTIMENT ANALYSIS ACROSS ENGLISH AND BANGLA IN MULTI-DOMAIN REVIEWS AND COMMENTS USING MACHINE LEARNING AND TRANSFORMERS.

Oct 2023 - Ongoing

Analyzed machine learning and transformer models to enhance text contextual understanding by evaluating accuracy patterns and optimizing preprocessing for improved performance.

## EXTRACURRICULAR ACTIVITIES

### EASTERN UNIVERSITY COMPUTING CLUB | PROGRAMMING HEAD

February 2023 – February 2024 | Dhaka, Bangladesh

### YOUTH MAPPERS AT EASTERN UNIVERSITY | JOINT SECRETARY

February 2022 – February 2023 | Dhaka, Bangladesh

### STRUCTURED PROGRAMMING 2ND BATCH | PROGRAMMING INSTRUCTOR

April 2023 | Organized by EUCC, Dhaka, Bangladesh

- Mentored junior students to grasp fundamental programming concepts and skills.
- Conducted interactive coding sessions and provided coding targets in both online and offline.

### ICPC PROGRAMMING CONTEST BOOTCAMP | PROGRAMMING INSTRUCTOR

October 2023 | Organized by EUCC, Dhaka, Bangladesh

- Provided guidance on algorithms, data structures, and problem-solving strategies for competitive programming.
- Assisted teams in solving various programming problems, emphasizing collaborative problem-solving.

## EDUCATION

### EASTERN UNIVERSITY

BSC. IN COMPUTER SCIENCE & ENG.

Graduation 2024

CGPA: 3.88 / 4.0

Dhaka, Bangladesh

## SKILLS

### PROGRAMMING

- Python • C • C++
- JavaScript • Java
- PHP • SQL • HTML • CSS
- Data Structures and Algorithms
- Object-Oriented Programming

### TECHNOLOGIES

- Flask • MySQL • PL/SQL
- Git/GitHub • VS Code • Postman

### MACHINE LEARNING & AI

- Machine Learning
- Deep Learning • Neural Networks
- Large Language Models
- Natural Language Processing