

# MD KAMRUS SAMAD

Dhaka, Bangladesh

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## EXPERIENCE

- Software Engineer** | *MySoft Ltd.* Nov, 2022 – Present
  - MySoft Ltd. works for the American company Beraten Software Solution. They specialized in creating software for tribal organizations. My role there is as a Full Stack Web Developer, responsible for managing stored procedures, creating new pages in the back-end, and primarily fixing bugs.**Skill:** ASP .NET Core, C#, SQL, MSSQL, Razor Pages, Telerik Kendo UI
- Trainee Data Scientist** | *MasterCourse* Nov, 2022 – Feb, 2023
  - The MasterCourse is an online training platform where I received training in Data Science and Analytics, including web scraping, data preprocessing, model training, and deployment on open-source platforms. I also gained practical experience by working on data science projects. Like Fine Tune models, model train from scratch**Skill:** NLP, Matplotlib, OpenCV, Selenium, Python, Numpy, Pandas, Tableau, Pytorch, etc.

## PROJECTS

- Tribal Court Project**
  - In the Tribal Court Project, I played a pivotal role as a Back-End Developer, focusing on the development of essential components and functionalities. My primary responsibility revolved around the implementation of back-end logic and the creation of stored procedures. One of the project's central features was the Judgment module, which I conceptualized and built.
  - Utilizing my expertise in ASP.NET Core Razor Pages, MSSQL, and Telerik Kendo UI, I contributed significantly to the successful execution of this project.
  - Technologies:** ASP.NET Core Razor Pages, MSSQL, Telerik Kendo UI, C#, SQL
- Child Care and Foster Organization**
  - Within the Child Case and Foster Organization project, I assumed a pivotal role as a Back-End Developer. My primary focus was on developing the back-end logic and designing intricate stored procedures. The central element of the project was the Child Cases feature, a cornerstone that I conceptualized and constructed. I also contributed to additional features like family organization and foster maintenance. Leveraging ASP.NET Core Razor Pages, MSSQL, and Telerik Kendo UI, I played a key role in crafting an efficient and effective application.
  - Technologies:** ASP.NET Core Razor Pages, MSSQL, Telerik Kendo UI, C#, SQL
- Faculty Reviewer** 🗑️ | JUNIOR DESIGN May, 2021
  - It was a Windows application. The idea of this application was to make NSU faculty member's profiles based on student reviews. NSU is an open credit hour course system university so every semester student needs to search their faculty who is appropriate for them and their course. So, in this app, students can rate and comment about teachers based on their experience which makes it easier to find the faculty.
  - This application also has an [Android Version](#) 🗑️
  - Technologies:** C#, SQL, Flutter

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, C#, Dart

**Database:** SQL, MSSQL, My SQL, Firebase

**OS Tools:** Windows, Linux

**Libraries and Frameworks:** Transformers, PyTorch, TensorFlow, Keras, scikit-learn, Pandas, Matplotlib, Selenium, Tableau, OpenCV, Flutter, Django, .NET

**Technologies:** Git, GitHub, BitBucket, Trello

## EDUCATION

**North South University**  
Graduate - BS in CSE, **CGPA - 2.71 (with 82% mark)**

**Jan, 2018 – May, 2022**  
Dhaka, Bangladesh

## ACADEMIC RESEARCH

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- 1. Training Pruned Language Model** [!\[\]\(467d80e979964f7f8c752fb22248b5b7\_img.jpg\)](#) | *Senior Design and Directed Research* **Sep, 2021**
  - It is a collaborative NLP research. It's still under processing. We assume that after we finish our research, we will be able to present a Language model that is significantly greener, resource-saving, and comparatively smaller.
- 2. A new task for Bengali Language Classification** [!\[\]\(b71552d33dbf62adf5e5199a70ee02bf\_img.jpg\)](#) | *NLP* **Jan, 2022**
  - It is also a collaborative NLP research. And it's also under processing. We assume that after we finish our work, we will be able to present a new classification task for Bengali Language. Hopefully, we will present a dataset and comparison among some acknowledged models.

## CERTIFICATIONS

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- Introduction to Tensorflow - Coursera
- Python Functions, Files, and Dictionaries - Coursera
- Crash Course on Python - Coursera
- Python Classes and Inheritance - Coursera

## COURSEWORK

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- Data Structures
- Algorithms
- Natural Language Processing (NLP)
- Advance Database System
- OOPS concept
- Deep learning
- Software Engineering

## Volunteer Experience

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### NSU ACM Student Chapter

*General Member - Team Provision*

**Feb, 2020 – Jan, 2021**

*Dhaka, Bangladesh*

### Art & Photography Club - NSUAPC

*General Member*

**May, 2018 – Jan, 2019**

*Dhaka, Bangladesh*

## References

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