Md.Sayeeduzzaman
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EDUCATION

Bangladesh University of Engineering and Technology   Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering   CGPA: 2.99/4.0   February 2020 − March 2025

Notre Dame College, Dhaka   Dhaka, Bangladesh
Higher Secondary Certificate, Science   GPA: 5.0/5.0   July 2017 − June 2019

Motijheel Govt. Boys' High School   Dhaka, Bangladesh
Secondary School Certificate, Science   GPA: 5.0/5.0   January 2010 − December 2015

SKILLS

Programming Language	Frameworks	Operating System & Others
C++	Django	Git
Python	React	RabbitMQ
JavaScript	NodeJS	Redis
Java	Bootstrap	Docker
C	NextJS	Windows
Kotlin	Angular	Ubuntu
SQL	Langchain	

WORKING EXPERIENCE

Software Engineering Intern   —Bengal Mobile QA Solutions, Paltan, Dhaka-1000   March 2025 - May 2025

- Worked in the Backend of a Hotel Ticketing system.

- Worked in a security app and developed applock service from the scratch integrating with the existing codebase for the app.

- Explored different issues in different android versions

- Solved camera permission issues in the fragment for clicking intruder photo.

Software Engineer   —Bengal Mobile QA Solutions, Paltan, Dhaka-1000   June 2025 - present

- Built malware detection system in android environment.

- Researched in behavior based malware system.

- Worked on activity monitoring (specially camera usage tracking, microphone usage tracking, screen lock/unlock listing, app usage tracking etc.) for the android upto its limitations.

UNDERGRADUATE PROJECT WORKS

Software Engineering *Software Engineering* —Software Engineering Project
java   2022
A collection of assignments showcasing practical applications of software engineering concepts, including requirement analysis, system design, and development methodologies.
- Developed a Software Engineering project demonstrating principles like modularity, abstraction, and software lifecycle management.
- Addressed issues in requirement analysis, ensuring code scalability, and maintaining documentation standards.
- Delivered a well-structured, maintainable solution showcasing real-world software engineering practices.

EPL Players' Draft *EPL Players' Draft* —Java Project
java, javafx   2021
A web application for drafting English Premier League (EPL) players, enabling users to create and manage personalized fantasy teams

- Built an EPL Players Draft app with real-time player selection and stats integration
- Optimized data accuracy, algorithm, and UI responsiveness.
- Delivered a user-friendly tool for managers and fans to streamline drafting.

Teledoc *TeleDoc* — Database Project
NodeJS, React, CSS, SQL, bootstrap 2022
A telemedicine platform connecting patients with doctors for virtual consultations and healthcare management.
- Developed a platform for remote doctor consultations and appointment management
- Processed secure data handling, real-time communication, and user accessibility.
- Enabled seamless doctor-patient interactions with a user-friendly interface and robust backend.

Jobify *JOBIFY* — Software Development Project
NextJS, CSS, MongoDB, Agora React UIKit 2023
A job portal web application designed to connect job seekers with employers, featuring job postings, applications, and user management.
- Built a platform connecting job seekers and employers with advanced search and matching features.
- Intigrated real-time updates, ensuring data security, and optimizing the recommendation system.
- Delivered an efficient, user-centric solution to streamline job hunting and recruitment.

HAR Model Optimization *HAR Analysis* —ML Project
TensorFlow, Keras, PyTorch, NumPy, Matplotlib, Seaborn, Pandas, scikit-learn. 2024
A project for Human Activity Recognition (HAR) analysis using machine learning techniques to classify activities based on sensor data.
- Developed a Human Activity Recognition (HAR) analysis system using machine learning for accurate activity classification.
- processed sensor data, optimized model accuracy, and managed computational costs.
- Achieved robust classification with a user-friendly implementation for real-world applications.

Customizable Feed-Forward Neural Network: Apparel Classifier *FashionMNIST* —ML Project
TensorFlow, Keras, PyTorch, NumPy, Matplotlib, Seaborn, Pandas, scikit-learn. 2024
A FFN and CNN Model for detecting the apparels.
- Optimized model accuracy tuning hyperparameters and preventing overfitting.

LR with bagging and stacking *LR with Bagging and Stacking* —ML Project
TensorFlow, Keras, PyTorch, NumPy, Matplotlib, Seaborn, Pandas, scikit-learn. 2024
Implemented a Logistic Regression classifier with ensemble methods such as bagging and stacking, applied to multiple datasets with comprehensive preprocessing, performance evaluation using comparative metrics, and reproducible coding in Python, submitted as a Jupyter Notebook alongside a detailed report.
- Developed a machine learning project combining Logistic Regression with bagging and stacking techniques for enhanced predictive accuracy.

RESEARCH INTEREST

- Distributed systems
- Human Computer Interaction
- Real-Time Data Processing
- Software Engineering
- Dynamic Reporting Systems
- Context-Aware Computing
- Machine Learning
- Deep learning

RESEARCH EXPERIENCE

Undergraduate Thesis: Detecting objects using knowledge distillation

Supervisor - Dr. Md. Monirul Islam(Professor, CSE, BUET)

- Training yolo v10, yolo v8m, RetinaNet, FasterNet with KITTI, COCO, Udacity datasets
- Comparing their confusion metrics
- Finding the best model for each datasets