Engr. S.M. Obaydur Rahman *Software Engineer*

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📍 Nikunja-2, Zone-1, Ward-17, Dhaka North City Corporation, Khilkhet, Dhaka, PO: 1229

💼 Professional Experience

Software Engineer (Satellite & Digital Ecosystem Development Unit)
Digital Banking Division (Associate), Mutual Trust Bank PLC
05/2015 | Dhaka-1208, Bangladesh

Full-Stack Software Developer ⧉
V Shipping BD
09/2023 – 04/2025 | Nikunja C/A, Dhaka-1229, Bangladesh

Associate Software Engineer (Backend) ⧉
Dana Fintech Ltd
12/2021 – 01/2023 | Gulshan-1, Dhaka-1212, Bangladesh

🎓 Education

B.Sc. in Computer Science and Engineering, 2022
Shahjalal University of Science and Technology ⧉
01/2016 – 08/2022 | Sylhet, Bangladesh
CGA: 3.06 out of 4 (Majors: Machine Learning, Artificial Intelligence, Database Systems, Data Structures & Algorithms & more)

Higher Secondary Certificate, 2016
Govt. Syed Hatem Ali College ⧉
03/2014 – 01/2016 | Barisal, Bangladesh
GPA: 5 out of 5

Secondary School Certificate, 2014
Barishal Zilla School
04/2010 – 01/2014 | Barisal Board, Bangladesh
GPA: 5 out of 5

⌨ Projects

Sentiment Analysis of Social Media Comments on Covid-19 Post-Vaccination in Bangladesh using ML and DL
The project entails using machine learning and deep learning techniques including binary classifier models such as NB, RF, SVM, LR, Adaboost, GB, RNN, LSTM & GRU to analyze the sentiment of social media comments related to post-vaccination Covid-19 in Bangladesh and provide valuable insight to policymakers and healthcare professionals. ⧉
03/2023 | Sylhet, Bangladesh
Next.js (Frontend), Flask (API -Backend), Python

Loan Prediction Using Machine Learning
This project predicts loan eligibility using some selected Machine Learning Algorithms ⧉
06/2021 | Barisal, Bangladesh

WiFi-Talk
This project is mainly created to show of the power of a WebSocket. I also made a Flutter application to show some best practices, like using the provider, web socket channel and uuid packages ⧉
10/2019 | Sylhet, Bangladesh
Flutter, Dart

Websocket-Server
This is the NodeJs server that creates a websocket from the ws npm packages. This WebSocket is used for a Flutter application. The app makes it possible to chat on a LAN. ⧉
10/2019 | Sylhet, Bangladesh
NodeJs

📖 Publications & Research

In silico investigations on curcuminoids from Curcuma longa as positive regulators of the Wnt/-catenin signaling pathway in wound healing ⧉
Egyptian Journal of Medical Human Genetics
09/07/2021
Co-authored a computational biology study applying in-silico analysis and predictive modeling techniques to genetic pathways.

🎖 Certificates

Machine Learning by Stanford University: ⧉ Credential ID: GJTD33J9AT5E, Date: January, 2021, ●

Introduction to Applied Machine Learning: ⧉ Credential ID: N6GDHPMUWFJM, Date: Oct, 2021 ●

Exploratory Data Analysis for Machine Learning: ⧉ Credential ID: TSZZ9JPKPH3A, Date: Nov, 2021 ●

Software Development Processes and Methodologies: ⧉ Credential ID: 6LUCN47CJT93, Date: Nov, 2021

🏛 Co-curricular Activities

The Institution of Engineers, Bangladesh ⧉
Associate Member: A-28590
09/2025 | Dhaka, Bangladesh

Bangladesh Computer Society (BCS)
Associate Member: AM16230
09/2025 | Dhaka, Bangladesh

💬 Skills

Core ML Skills:
Supervised & Unsupervised Learning, Deep Learning (**RNN**, **LSTM**, **GRU**), Feature Engineering, Model Optimization, **EDA**, **NLP**

PROGRAMMING:
Python, SQL, C++, Java, Javascript, PHP, Dart, C#

Tools/Frameworks:
TensorFlow, scikit-learn, Flask, Next.js, Node.js, Git, Firebase, Docker, Oracle, Toad, RMAN, Flutter, CodeIgniter, Latex

🔗 Area of interest

- Machine learning, Deep Learning, Transformer Architecture
- Cloud computing, Microservices, and Serverless architectures
- Data Security
- Database Design & Optimization
- Automation & Scripting

🏅 Awards

4th at BUP ICT FEST 2018 Hackathon
Team Name: SUST Phantom
14/11/2018
BUP InfoTech Club organized an Inter-University event.
Platform: Andriod, Topic: Digital Health Care System