

Engr. S.M. Obaydur Rahman (Shimanto)

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
05/2025 | 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: 3.14 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

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

📁 Certificates

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

📁 Publications & Research

Advanced Hybrid Deep Learning Models for Solar Energy Holding Capacity Prediction in Bangladesh

IEEE 2nd International Conference on Quantum Photonics, Artificial Intelligence and Networking (QPAIN 2026)
16/04/2026

Paper ID - 721: This study proposes a stacking ensemble model combining Random Forest, XGBoost, Gradient Boosting, and AdaBoost with an MLP meta-learner for improved solar energy prediction.

🔗 Area of interest

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

🎓 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

🔗 References

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