

MD. SHAHIN MIAH

MACHINE LEARNING ENGINEER

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SUMMARY

Hands-on Machine Learning Engineer interested in solving real-world problems with techniques such as supervised, unsupervised, and reinforcement learning. With expertise in Python, TensorFlow, PyTorch, and Scikit-learn, I develop reliable models that bring real value to companies.

PROJECTS

Industrial Basics and General Application (Jun 2025 – Dec 2025)

University Defense Project

- Built a research-paper management mobile app using Flutter and Firebase, with real-time data and secure authentication.
- Applied **machine learning techniques** for automated paper categorization and clustering.
- [github](#)

Dengue Risk Prediction Web App — Nov 2025

Technologies: Python, Flask, Pandas, Scikit-learn, HTML/CSS/JS

- Built an end-to-end ML pipeline for dengue risk prediction using real-world datasets (EDA, cleaning, feature engineering, model training).
- Designed an intuitive and visually appealing web interface for seamless user interaction.
- [github](#)

SKILLS

Programming & Data

- Python
- pandas
- numpy
- SQL
- Jupyter

Machine Learning

- scikit-learn
- XGBoost
- Model Evaluation
- EDA, Feature Engineering
- NLP
- CNN

Data Visualization & Deployment

- matplotlib
- seaborn
- flask

EDUCATION

Bachelor of Science in Computer Science and Engineering

Jan 2022 - Ongoing (Final Year)

CGPA :

Daffodil International University

- Relevant coursework in Machine Learning.

ADDITIONAL INFORMATION

- **Competitions:** Participated in CPC Takeoff Contest, Unlock the Algorithm, The Datathon Contest
- **Interests:** AI for healthcare, data-driven solutions, open-source ML projects

REFERENCE

Ms. Nazmun Nessa Moon

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