# Mohiduzzaman

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## SKILLS

- **Data Analysis**: Python, NumPy, Pandas, Matplotlib, Seaborn, MySQL, Excel
- **AI/ML**: Scikit-learn, TensorFlow, PyTorch, OpenCV, NLP, LLMs
- **Backend**: Django REST Framework (DRF), FastAPI
- **Frontend**: HTML, CSS, JavaScript
- **Languages**: Python, JavaScript, Java, C, C++
- **CS Fundamental**s: DSA, OOP, DBMS
- **Deployment**: REST APIs, JSON, Basic Docker
- **Dev Tools**: Git, GitHub, Jupyter, VS Code
- **Problem Solving** ( around 800) , Codeforces rating max (1190)

## EDUCATION

**BSC in Software Engineering |** 2022-2025
Daffodil International *University* **|**  CGPA: 3.6 (current)

**HSC |** 2018-2020
Agricultural University College  **|**  GPA: 5.00

## PROJECTS

◆ **Football Analysis System**
*OpenCV, FastAPI, Matplotlib, Pandas*
- A football match analysis app with player tracking, Voronoi-based zone control, heatmaps, pass networks, and automated PDF reports. Used OpenCV for frame processing, Pandas for data analysis, and FastAPI for serving results.

◆ **SmartCare :** Hospital Management System API
Django and *Rest API Backend*
- Django & REST API-based platform for managing patients, appointments, and billing with secure authentication and real-time data handling.

◆ **Library Management System**
*Full-Stack Web App – Django, HTML, CSS, JavaScript*
- Full-stack Django web app for managing books, borrowers, and returns with role-based access, lending/return tracking, overdue alerts, and real-time inventory management.

◆ **Diabetes Prediction System**
*FastAPI , Scikit-learn , Pandas , Docker*
- *A machine learning web app that predicts diabetes risk using health data, powered by FastAPI, scikit-learn, and Docker, and deployed on Render with a Streamlit frontend for real-time results.*

## VOLUNTEERING

- Programming Trainner, Software Engineering Club, Daffodil International University, 2023-2024
- Deputy Acm Secratary, Software Engineering Club , Daffodil International University, 2023-2024
- Organizer, CodeTrap Programming Contest , DIU , 2023-2025

## CERTIFICATIONS

- Machine Learning with Python course by IBM on Coursera
- AWS Academy Machine Learning for Natural Language Processing