

ADNAN RAHMAN SAYEEM

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About Me

Passionate full-stack developer and problem solver with hands-on experience building web and mobile applications using React, Firebase, and Flutter. Skilled in responsive UI development, REST API integration, and real-time database management. Eager to contribute to real-world software engineering projects and continue growing as a developer.

Skills

Frontend: HTML5, CSS3, JavaScript, React, Tailwind CSS

Backend: Python, REST APIs

Mobile: Flutter (Dart)

Data & ML: Pandas, NumPy, Scikit-learn, Matplotlib

Database: Firebase, Firestore

Languages: Python, C, C++, Dart, JavaScript

Tools & Platforms: Git, GitHub, VS Code, Excel, Vercel

Concepts: OOP, Data Structures & Algorithms, Machine Learning, UI/UX Design

Experience

ICT Intern, Ispahani Islamia Eye Institute and Hospital

Jun 2026 – Present

Supporting the ICT team in daily IT operations while gaining hands-on experience with enterprise healthcare systems, IT infrastructure, and technical support.

- Assisting with Electronic Medical Record (EMR) system administration and user support.
- Learning hardware and software installation, troubleshooting, and preventive maintenance.
- Assisting with Active Directory (AD) server administration and enterprise network maintenance.
- Supporting CCTV monitoring and maintenance.

Machine Learning Intern (Remote), Future Intern

Apr 2025 – May 2025

Developed and evaluated machine learning models using Python for forecasting, prediction, and chatbot-based automation.

- Sales Forecasting for Retail Business 🌐 (GitHub)
- Stock Price Prediction Using Machine Learning 🌐 (GitHub)
- Customer Support Chatbot Development 🌐 (GitHub)

Career Ambassador, Career Development Center (CDC), DIU

Jan 2023 – Dec 2023

Served as a student volunteer with the university's Career Development Center, developing professional skills in communication, event coordination, and leadership through hands-on involvement in large-scale campus events.

- Volunteered as a Protocol Officer at the National HR Summit 2023.
- Organizing Team Member, DIU Job Utsav 2023 (November 24–25).
- 🌐 (View Certificate of Completion)

Projects

Kintechai

🌐 Live Demo

- Responsive grocery shopping website with cart, authentication, invoice, and previous purchases features.
- Tech Stack: HTML5, CSS3, JavaScript, Firebase Auth, Firestore, Swiper.js

GLxManager

🌐 Live Demo

- Full-stack web application to manage esports teams, track player statistics, and record match history.

- Implemented role-based access control (Admin, Player, Viewer) with real-time Firestore sync and an interactive analytics dashboard for earnings and performance distribution.
- Tools: HTML5, CSS3, JavaScript, Firebase (Auth, Firestore)

Heart Attack Prediction System

 GitHub

- Desktop application that predicts heart disease risk using a trained Logistic Regression model, wrapped in a Tkinter GUI with patient input forms, feature visualizations, and PDF report export.
- Tools: Python, Tkinter, scikit-learn, pandas, NumPy, matplotlib, ReportLab

Weather App

 Live Demo

- Built and deployed a Django weather application integrating OpenWeatherMap and Unsplash REST APIs.
- Tools: Python, Django, REST API, HTML5, CSS3, PythonAnywhere

Problem Solving

-  **LeetCode**: Solved: 150+
-  **Beecrowd**: Top 8%, Solved: 70+
-  **VJudge**: Solved: 65+
-  **CodeChef**: Highest Rating: 869
-  **Codeforces**: max. newbie (Rating: 585)

Competitions

- Capture The Flag Battle 2024  Certificate
- Take-Off Programming Contest Fall 2022  Standings

Certifications

Python Basics

June 2025

Coursera – Verified Certificate (26 hours) |  Credential ID: 7HXKB2B50GVS

Data Science Math Skills

May 2025

Coursera – Verified Certificate (13 hours) |  Credential ID: SQVZ8DTAUQO6

Education

MSc in Computer Science and Engineering, Daffodil International University May 2026 – Present
Major: Data Science

BSc in Computer Science and Engineering, Daffodil International University Jan 2022 – Jan 2026
CGPA: 3.73 out of 4.0

Awards & Achievements

The Duke of Edinburgh's International Award Bangladesh

Bronze & Silver

Completed the internationally recognized youth development program through sustained achievement in **Voluntary Service, Physical Recreation, Skills, and Adventurous Journey**.

 Bronze Standard

November 2025

 Silver Standard

June 2026

Publications

IDDMSLD: An image dataset for detecting Malabar spinach leaf diseases 2025

Data in Brief, Elsevier | DOI: 10.1016/j.dib.2025.111293

A. R. Sayeem (First Author), J. F. Omi, M. Hasan, M. U. Mojumdar, and N. R. Chakraborty

References

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Relationship: Co-author (IDDMSLD, Data in Brief 2025) and academic supervisor