MD. JAKIR HOSSEN

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SKILLS

Algorithm, Data Structure, Object-Oriented Programming, Teamwork

Programming Language: C/C++, Python, Dart.

Frameworks: Flutter, Tensorflow, Keras, Scikit-Learn, Flask, FastApi.

Database: SQL/MySQL, NoSQL (Firebase).

Software Engineering Tools: Git, Github.

Familiar: Linux, Windows.

ML/DL: Computer Vision (Classification, Segmentation, Detection), ChatBot Q&A.

Others: Software Architecture and Design Model.

PROBLEM SOLVING EXPERIENCE

- **GreeksforGreeks: 450+** Problem Solving. ID: mzakirhossen. ☑
- **Code360: 230+** Problem Solving, Max Rating: **1687**. ID: jakir_1999. ☑
- **Leetcode: 200+** Problem Solving, Max Rating: **1481**. ID: zakirhossen. ☑
- **CodeChef: 200+** Problem Solving, Max Rating: **1449**. ID: zakirhossen. ☑
- Solved over **1100+** problems on different judges and participated in **40+** online judge contests.

PROJECTS

- **ForkFly (Food Ordering Application)** leveraged Flutter's reactive framework and Firebase's backend services to create a scalable and efficient food ordering application. Implemented features like user authentication, real-time database, and cloud functions. ☑
- **CarRental (Rent Car)** developed a user-friendly car rental app with Flutter and Firebase. Implemented features like user authentication, car booking, rental management, and integrated secure payment gateways. ☑
- **TODO** developed a web-based to-do list management system using Flask and Python. Enabled users to create, organize, and track tasks effectively. ☑
- **Mini** developed a currency converter chatbot using Python and DialogFlow, enabling users to easily convert between different currencies. ☑
- **Social Media Api Development (FastApi)** developed a social media webpage using Python and the FastAPI framework. Implemented key features such as user registration/login, content posting/sharing, user profiles, and real-time updates. I gained practical experience in building RESTful APIs, handling user interactions, and developing web applications with a modern framework. ☑
- **Dogs and Cats Classifier** This project aims to identify the cats and the dogs based on the given image using CNN. ☑

Note: Final year thesis on Analyzing NPM-based error at Stack Overflow Post to suggest developers improve some library efficiency and reduce ambiguity. ☑

EDUCATIONS

Bachelor of Science in Computer Science and Engineering
Bangabandhu Sheikh Mujibur Rahman Science and Technology University.
CGPA **3.12** on a scale of **4.00** (final year-2024)

INDEPENDENT COURSEWORKS

- Machine Learning with Python: Zero to GBMs. ☑
- Data Analysis with Python, BSMRSTU. ☑
- Flutter (Android Development), ICT Division. ☑
- Data Structure and Algorithm, GeeksForGeeks.
- 100 Days of Machine Learning, Campusx.