Safayet Hossain Khan
Dhaka, Bangladesh

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EDUCATION

B.Sc in Computer Science and Engineering	2020 – 2024
East West University (Major: Data Science)	Dhaka, Bangladesh
CGPA: 3.46	

Languages & TECHNOLOGIES

- Programming Languages — C, C++, Java, Python, SQL, MySQL, Dart
- Web Technologies — HTML, CSS, Bootstrap, Javascript, PHP
- Operating System — Win-7/10/11, Ubuntu/Linux
- Tools — GIT, GitHub, VScode, Google Colab

ACADEMIC PROJECTS

- **Registered Doctor Finding** | *Using HTML, CSS, Bootstrap, PHP, MySQL, JAVASCRIPT [GitHub Link]*- I made a website clone using bootstrap web framework that has user login, registration by different roles, create and edit their profile, search for registered doctor, verify their BM&DC no. create appointment and see their appointment message.

- **Pediatric Appendicitis Detection System Using Machine Learning** | *Using Python, Weighted Ensemble model On Logistic Regression, Random Forest [GitHub Link]*- In my medical dataset, the main challenge was handling missing values. I used KNN for categorical data and linear imputation for numerical data. After addressing these issues, the model's performance improved significantly.

- **Super-Shop Management System** | *Using Java Swing [GitHub Link]*-The program includes text fields for entering details, a button to add information, and a display area to showcase the entered data. Deals with the maintenance of admin, Client, and Product information within the Company.

PROGRAMMING CONTEST EXPERIENCE

CodeForces	**Profile Link, Solved:** 700+, Max Rating: 1230, Pupil	
CodeChef	**Profile Link, Solved:** 50+, Max Rating: 1575, 2 Star	
AtCoder	**Profile Link, Solved:** 150+	
HackerRank	**Profile Link**	LeetCode **Profile Link**
Participation	Participated in 100+ online and 15 + onsite programming contests.	

AWARDS & ACHIEVEMENTS

- EWU Intra University Programming Contest,Spring 2023 **[10th]**
- National collegiate Programming Contest 2023 [**Team: EWU_SRG, Honorable Mention**]
- UAP Inter University Collaborative Programming Contest **[Team: EWU_SRG]**
- Medha Lalon Scholarship (3 semesters)

RESEARCH EXPERIENCE & PUBLICATIONS

- **Pediatric Appendicitis Detection System Using Machine Learning *[Publication Link]***

- **Neonatal Jaundice Detection Using Machine Learning and Image Processing [Ongoing Journal]**