

# ZAARA ZABEEN ARPA

Software Developer, B.Sc (2021-2025)

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📍 Dhanmondi, Dhaka, Bangladesh

🔗 [Github](#)

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## EDUCATION

B.Sc, Software Engineering

**Islamic University of Technology**

📅 May 2021– Present

🎓 CGPA: 3.81/4.00

Higher Secondary School Certificate

**Holy Cross College, Tejgaon, Dhaka**

📅 July 2018 - June 2020

🎓 GPA: 5.00/5.00

Secondary School Certificate

**Viqarunnisa Noon School and College**

📅 2008-2018

🎓 GPA: 5.00/5.00

## ACHIEVEMENTS

- 2<sup>nd</sup> Runners-up in Hackathon SUST CSE Carnival - 2024 ( among 100 teams )
- Stood 18<sup>th</sup> among 407 teams in Code Samurai 2024 Preliminary Phase
- Received Scholarship in General Quota in HSC Examination

## SKILLS

### Programming Languages

- C, C++, C#, JavaScript, Dart, Java, PHP, Python

### Python Libraries

- NumPy, Pandas, Matplotlib, Keras, Tensorflow, Scikit-learn, PyTorch, NLTK

### Backend

- NodeJs, Express, Firebase

### Frontend

- ReactJs, CSS, NextJs, Bootstrap, Flutter, Tailwind

### Database

- MySQL, Oracle SQL, MongoDB, Firestore

### Software and Tools

- Docker, JIRA, Trello, Postman, Github, Monday

## CO-CURRICULAR ACTIVITIES

- Participated in National Girls Programming Contest - 2022
- Working as Senior Executive Event Management at IUT Debating Society

## INTERESTS

- Problem Solving ( Count 500+ )  
Platforms: [Codeforces](#) , [Leetcode](#) , [Virtual Judge](#) , [LightOJ](#) etc
- Machine Learning (Natural Language Processing)

## PROJECTS

### EcoSync 🌱 - 2024

- A platform for waste management which was built in Code Samurai 2024.
- **Technologies Used:**  
React, Express, NodeJS, MongoDB, Map-Box API, Docker

### SmartAid 🌱 - 2024

- A chronic disease tracker app with AI assistance. This work was presented in the hackathon of SUST CSE Carnival 2024.
- **Technologies Used:**  
Flutter, Firebase ( Storage, Cloud Messaging, Authentication ), Firestore, GPT-4 Vision, GPT-4 chat completions.

### DocLinkr 🌱 - 2024

- A mobile app for doctor-patient consultancy, health tracking, emergency assistance, medical documents storage and medication reminder.
- **Technologies Used:**  
Flutter, Firebase ( Storage, Cloud Messaging, Authentication ), Firestore, SSL Commerz, Agora RTC

### Traffic Tracker 🌱 - 2024

- A platform to keep track of the traffic condition. This project is the final lab project of Server Programming Course.
- **Technologies Used:**  
EJS, Node.js, Express, MongoDB, Passport.js, Multer

### MedGuard 🌱 - 2023

- MedGuard is an online platform connecting customers with local pharmacies.
- **Technologies Used:**  
React, Express, NodeJS, MongoDB, Google Maps API, SSL Commerz

### Github Issue Taxonomy 🌱 - 2023

- Label Classification from Github Issues using BERT model
- **Technologies Used:**  
Pytorch, Hugging Face, BERT, Jupyter Notebook

### Ed-Ez 🌱 - 2022

- Ed-Ez is an online learning management system.
- **Technologies Used:**  
HTML, CSS, JavaScript, PHP, MySQL