| Basic Information 基本情報

Name	Tarannaum Jahan Sultan
Birth date	2000/11/28
Current Address	House 348 349, Road 9, Block H, Bashundhara R/A, 1229, BD
Contact Number	+8801742449438
E-mail	tarannaum.jahan.sultan@gmail.com
Portfolio link	**Original portfolio:** Original Portfolio **Self-introduction movie:** B-JET Self-Introduction in Japanese **B-MEET Self-introduction movie:** B-MEET Self-introduction & Cross-Cultural Understanding **GitHub:** Github **LinkedIn:** LinkedIn

| Academic Background 学歴

Degree	Computer Science and Engineering			
University Name	BRAC University			
Duration	2019/1 - 2023/6 (4 years)		CGPA	3.45

| Technical Skills 技術スキル

S = Team Lead or Managerial Level experience, A = Professional project Experience, B=Highly confident skill, C = Personal / Academic Project Experience, D = Theoretical Knowledge

Programming Language	Skill Level	Web	Skill Level	Database	Skill Level	Others	Skill Level
Java	B	HTML	B	MySQL	B	IBM SPSS Statistics	B
Python	B	CSS	B			Procreate	B
SQL	B	JavaScript	B			Latex	B
C	D	PHP	C			MS office Tools	B
		ReactJS	C			Figma	B
		Chat Engine API	C			Git / GitHub	B
						Machine Learning	D

| Academic or Personal Project Experience 学習のための経験

Duration	Project Details	Technology Used	Your Role
2024/01/28 - 2024/02/12 (15 Days)	**Project Title**：Messageify **Project Overview :** This is a chat application website where users can send messages to each other and share images as well.	**Chat Engine API** **React JS** **CSS** **Axios**	**Role**：Programmer. **Name of Part**： ● Implemented Code of Enabling Text/ Chat Input and Output,

			Image Sharing, Log In & Log Out.
	● **Chat Input and Output**: Enabled users to send and receive text messages in real-time. ● **Image Sharing:** Enabled users to send and receive text messages in real-time. ● **Chat Engine Integration:** Leveraged the Chat Engine API for core chat functionality, enabling real-time messaging between users. ● **Frontend Development and Styling:** - Developed frontend components using React JS for a dynamic and responsive user interface. - Applied CSS for styling to enhance the visual appeal and usability of the application. **Project Link**：Messageify **Total Number of Members**：1		● Frontend
2023/05/12 - 2023/05/19 (7 Days)	**Project Title**：Shastho Sohayika Voice Bot **Project Overview :** A Bengali website with voice input/output, featuring a Python-based feminine healthcare voice bot using fuzzy-wuzzy matching, streamlit, and speech recognition. ● **Website:** Takes voice input and gives voice/text output in Bengali. ● **Function:** Uses Python to create a feminine healthcare voice bot. ● **Features:** Uses the fuzzy-wuzzy string matching algorithm and speech recognition libraries for input. ● **Interface:** Utilizes stream-lit for user interaction. **Project Link**：Shastho Sohayika Voice Bot	**Python, Streamlit, Speech Recognition, Fuzzy-Wuzzy, Website**	**Role**：Programmer. **Name of Part**： ● Code for enabling voice input and output, speech recognition, using fuzzy-wuzzy string matching algorithm, speech-to-text, text-to-speech using Python.

	Total Number of Members：4		
2023/05/07 - 2023/05/10 (3 Days)	**Project Title**：Shastho Sohayika Voice Bot Prototype Design **Project Overview :** Workflow diagram, flowcharts, design of the prototype for 'Shastho Sohayika Voice Bot' website. ● **Workflow Diagram:** Visual representation of the website's processes and interactions. ● **Flowcharts:** Detailed diagrams illustrating the step-by-step actions within the website. **Project Link**：Shastho Sohayika Voice Bot Prototype Design **Total Number of Members**：4	**Sketch Application, Draw.io**	**Role**：Diagram, flowchart designer. **Name of Part**： ● Design Workflow diagram of the voice bot website ● Design of flowchart of code ● Design flowchart of fuzzy-wuzzy string matching algorithm to explain its mechanism
2022/04/01 - 2022/04/20 (19 Days)	**Project Title**：The ROBO **Project Overview :** Using Webots controller and Python, this robot identifies nearby objects with its camera, then adjusts its direction by rotating its wheels. ● **Object Recognition Robot:** A robot that identifies nearby objects using Webots controller and Python code. ● **Camera Assistance:** Uses a camera to detect objects. ● **Direction Change:** The robot's wheels rotate and change its path based on the object's location. **Project Link**：The ROBO **Total Number of Members**：4	**Webots, Python**	**Role**：Design, programmer. **Name of Part**： ● Car Robot Build and Design using Webots ● Implementing the Robot's Movement using Python.

2021/07-2021/08 (1 Month)	**Project Title**：Bake & Bake (Customized Bakery Order System Design) **Project Overview**：Analyzing system requirements and designing diagrams for the "Bake & Bake" application, which organizes custom cake orders. ● **System Requirement Analysis:** Identifying the needs and specifications for the "Bake & Bake" Application. ● **System Design Diagrams:** Creating visual representations outlining how the application will work. **Project Link**：**Bake&Bake(System Design)** **Total Number of Members**：2	**Draw.io**	**Role**：Diagram designer, report writer. **Name of Part**： ● Report writing, system request analyzing ● Design diagram(Use Case Diagram, Activity Diagram (order place and manage, delivery process) ● Design State Machine Diagram and Data Flow Diagram ● Design Windows Navigation Diagram (for user, admin).
2021/04-2021/05 (1 Month)	**Project Title**：Plasma Bank **Project Overview**：A website where users can request for plasma as well as donate plasma. ● **Website:** Enabling plasma requests and donations. ● **Admin Dashboard:** Manages plasma requests, request history, and user interactions. **Project Link**：Plasma Bank **Total Number of Members**：5	**HTML, CSS, PHP, JavaScript, MySQL**	**Role:** Programmer (Frontend and Backend code) **Name of Part**： ● Code for implementing Admin Dashboard ● Management of Plasma Request and Request History ● Implementation of Log-in, Log-out, Display Requesters, Update
2020/10/24, 2020/10/29 (5 Days)	**Project Title**：Rock Paper Scissor Game **Project Overview**：A website featuring an animated Rock Paper Scissors game with player versus computer using HTML, CSS, and JavaScript.	**HTML, CSS, JavaScript, Website, Game Development**	**Role:** Frontend Developer **Name of Part:** ● Frontend Development

● **Website:** Offers an animated version of Rock Paper Scissors. ● **Back-end:** Created with HTML, CSS, and JavaScript. **Project Link**：Rock Paper Scissor Game **Total Number of Members**：1			

| Training 受講した研修

Training Title	Location	Institute	Duration
REACT JS	**Programming Hero (Online)**	**Programming Hero**	**2023/08/30 - 2023/09/10 (11 Days)**
B-MEET for University Students	**B-JET Centre**	**North South University, The University of Miyazaki**	**2023/06/5 - 2023/07/3 (1 Month)**
Intro to Machine Learning	**Kaggle (Online)**	**Kaggle**	**2021/09 - 2021/10 (1 Month)**
SQL	**Sololearn (Online)**	**Sololearn**	**2021/01/12 - 2021/02/1 (20 Days)**
PHP	**Sololearn (Online)**	**Sololearn**	**2021/01/1 -2021/01/21 (20 Days)**
HTML	**Sololearn (Online)**	**Sololearn**	**2021/10/17 - 2021/10/27 (10 Days)**
Java Programming: Arrays, Lists, and Structured Data	**Coursera (Online)**	**Duke University**	**2020/05 - 2020/06 (1 Month)**
Programming Foundations with JavaScript, HTML and CSS	**Coursera (Online)**	**Duke University**	**2020/05 - 2020/06 (1 Month)**
Java Programming: Solving Problems with Software	**Coursera (Online)**	**Duke University**	**2020/05 - 2020/06 (1 Month)**
Visual Elements of User Interface Design	**Coursera (Online)**	**California Institute of the Arts**	**2020/05 - 2020/06 (1 Month)**
3 Days Training Program on Web Designing	**BRAC University**	**Creative IT Institute**	**2019/10 (3 Days)**

| Language Skills 言語スキル

Language	Reading	Writing	Listening	Speaking
Bengali	Excellent	Excellent	Excellent	Excellent
English	Excellent	Good	Excellent	Good
Hindi	None	None	Good	Good
Japanese	Basic	Basic	Basic	Basic

| Special Achievements 受賞歴など

- **Certificate Awarded:** Bangladesh-Miyazaki ICT Engineers Educational Training Project B-MEET Completion Certificate & the 100% Perfect Attendance Award.
  - [B-Meet Certificate](#)

| Other Activities その他の活動

- **Ongoing IT Skill Improvement:** Actively participating in online IT courses to enhance skills.

- **Digital Art:** Finding pleasure in creating digital artworks. Created over 80 digital artworks since 2020.
  - [Instagram: tarannaum.artclap](#)

- **Musical Tastes:** Enjoy listening to Ghibli piano music, Miki Matsubara, Radwimps, Beatles, Air Supply, and other bands from the 80s and 90s.
- **Anime Enthusiast:** Watched over 40 anime movies and series, with more in the watchlist, as well as over 50 English and Korean movies and series.

| Hobbies & Interests 趣味・興味

- **Digital Art Enthusiast:** Enjoy creating digital artwork with Procreate on my iPad and sharing it on Instagram.
- **Inspirational Music:** Find great joy in listening to Ghibli film piano music while creating art.
- **Exploring Non-Fiction Psychology:** Delving into non-fiction psychology books for insights on life, self-reflection, and emotional expression, while seeking meaning in quotes.
  - Notes to Myself: My Struggle to Become a Person by Hugh Prather
  - The Book of Awakening: Having the Life You Want by Being Present to the Life You Have by Mark Nepo

- **Anime Enthusiast:** Strongly drawn to anime series and movies, particularly Ghibli anime movies, with Hayao Miyazaki's works significantly influencing my drawing interests.

| Professional Interests 専門的な興味
- **Career Goal:** Becoming a skilled IT engineer, fostering continuous improvement and strengthening Japan-Bangladesh connections.
- **Web Development Advancement:** Keen interest in the web development industry, aiming to start with front-end development progressing to a senior frontend developer within three years. I aspire to enhance and develop my skills to the extent that I can serve as a mentor to others five years from now.
- **Academic Exploration:** Developed a strong interest in UI/UX design and AI research & development during my undergraduate thesis.
- **Societal Impact Focus:** Driven to use technology and skills for real-world problem-solving and aiming to create positive changes that benefit society and people's lives.
- **Building Japan-Bangladesh Connections:** Dedicated to strengthening the relationship between Japan and Bangladesh.