

# Zakia Tamanna

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Solution-oriented and persistent in seeking resolutions, I am a hardworking individual dedicated to delivering the best results. I am recognized for my ability to stay focused and patient while solving problems.

## KEY SKILLS

- ✓ **Programming languages:**  
C, C++, Python, Java, PHP, SQL
- ✓ **Full stack web development:**  
HTML, CSS, Bootstrap, Javascript, PHP, Firebase, Oracle
- ✓ **App Development:**  
Android studio, Java
- ✓ **Graphics:**  
Blender, Adobe Illustrator
- ✓ **Artificial Intelligence:**  
NLP, Image Processing, Numpy, Scikit learn
- ✓ **Technical Skills:**
  - Github, Github Desktop, Google Colab
  - Documentation, Presentation Skills, Research article writing

## PROBLEM SOLVING

- Solved 100+ problems in various sites such as Codeforces, UVA, vjudge
- Attended NGPC, NCPG and many online contests

## EDUCATION

**Jan 2020 - Feb 2024 | Military Institute of Science and Technology | Mirpur Cantonment, Dhaka**

Bachelor of Computer Science and Engineering  
Grade: CGPA 3.69 out of 4.00

## EXTRACURRICULAR ACTIVITIES

- Worked in science team of MIST Mongol Barota, which participated in University Rovers Challenge and got 1st position | Jul 2020 - Jul 2021

## PROJECTS

**Ecorium** | Aug 2021 - Oct 2021

- A website of greenery management
- **HTML, CSS, Bootstrap**

**Aircraft Management System** | Apr 2022 - Jun 2022

- A database management system for aircraft in Bangladesh
- **HTML, CSS, Javascript, SQL, PHP, Oracle**

**Jononi** | **Demo** | Aug 2022 - Jun 2023

- An android app to detect health- risk of a mother during pregnancy period.
- **Java, Android Studio, ML, Firebase**

**Plagiarism Detection**

| Apr 2023- Jun 2023

- Machine learning algorithm used to detect plagiarism in Bangla essays
- **Machine Learning, NLP**

**Hyperglycemia anticipation**

| Aug 2023- Nov 2023

- Machine learning process used to detect diabetes
- **Model Comparison, Machine Learning**

## EXPERIENCE

**Teletalk Bangladesh Limited | Industrial Trainee**

Jan 2023- Feb 2023

- Was attached to IT & Billing Department
- Got the opportunity to learn about their ERP, Networking and Billing system
- **Obtained Skills:** Telecommunication, Presentation, IT infrastructure