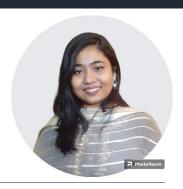# MST. Rubaiya Raktin Raha

01738047196
rubaiyaraktinraha@gmail.com

"A Computer Science undergraduate with a strong academic background in software development, programming, problem-solving and hands-on experience in networking protocols through work at Cisco. I enjoy solving challenges and learning from others to stay connected with advancements in technology.

Personal Info:

Date of Birth: 25 - 05 - 2000
Nationality: Bangladeshi
Address: Shantinagar, Joypurhat

Education

- **Bachelor of science** : CSE, KUET
  2019 – ongoing
  CGPA : 3.89 (till now)
- **HSC :** Science, Rajshahi College
  2017-2019
  GPA : 5.00
- **SSC :** Science, JGGHS, Joypurhat
  2013-2017
  GPA : 5.00

Awards:

- Dean's Award for session 2019-2020
- Dean's Award for session 2020-2021

Language Skills:
- - Fluent in Bangla, English

Skills:

Technical Skills:
Programming Languages: C, C++, Python, Java, Latex.
Deep Learning Tools: Numpy, Pandas, Matplotlib, TensorFlow.
Web Programming: HTML, CSS, PHP, Javascript, iOS Development (Swift)
Frameworks: Laravel, Android Studio
Database: SQL, MYSQL, Oraqle
Networking: Hands-on experience with Cisco
Softwares and Tools: OpenGL, Git, LaTeX, Kaggle, Jupyter, Google Colab, Xcode

Soft Skills:
-> Effective communication and collaboration.
-> Strong teamwork abilities.
-> Problem-solving and adaptability.
-> Eager to learn and grow in challenging environments.

Projects:

- **Smart Blind Stick**
  Technologies: Arduino, Ultrasonic Sensors, LDR, Rain Detector
  Description: Developed a smart navigation device for visually impaired individuals, integrating multiple sensor modules. The system supports water detection, distance measurement, and night navigation.

- **Home service provider**
  Technologies: Java, NetBeans
  Description: Developed a desktop application to automate service requests for a home service provider company. The system matches customer requests with available workers.
  View on GitHub: Home-Service-Provider

- **At Your Service**
  Technologies: PHP, Laravel
  Description: Developed a web application for service booking and worker management. The system automates request allocation, service tracking, and communication between customers and service providers.
  View on GitHub: At-Your-Service

- **Rhythm Guard**
  Rhythm Guard is an Android app designed to help you monitor and track your heart rate, blood pressure, and overall cardiovascular health.
  View on GitHub: Rhythm-Guard

- **Pharmacy Management System**
  Technologies: SQL, Relational Databases
  Description: Designed a SQL-based database to manage a pharmacy's inventory, branches, employees, and medicines. Developed data management logic to enable branch-specific inventory tracking.
  View on GitHub: Pharmacy-Management-System

- **ChittoPot**
  Technologies: Python, Machine Learning, Sentiment Analysis
  Description: Built a sentiment analysis app that detects users' emotions from text and emojis, providing personalized content recommendations.
  View on GitHub: Chittopot-An_Emotion_Detection_App

- **Blood Donation App**
  Technologies: iOS (Xcode, Swift)
  Description: Created an iOS app that facilitates blood donor registration and search. Users can register as blood donors or find matching donors in their location. View on GitHub: Blood-Bank