MD. MERAJUL RAHMAN SHIPON

Joydebpur, Gazipur, Dhaka, Bangladesh
01902085250 ⋄ shiponrbm@gmail.com

CARRIER OBJECTIVE

As a passionate Computer Science graduate with a CGPA of 3.70, I am eager to contribute my knowledge and enthusiasm to the IT industry. With a strong foundation in programming (C, C++, Python), database management, and networking, I am well-equipped to tackle any complex challenges. My leadership, communication, and problem-solving abilities will enable me to thrive in any dynamic environment. I am committed to continuous learning and innovation, aiming to contribute to cutting-edge technology solutions while advancing my expertise in software engineering."

EDUCATION

Rajshahi University of Engineering and Technology *February 2019 - May 2024*
Bachelor of Science in Engineering (B.Sc. Engg.) **Result: CGPA: 3.70**
Department of Computer Science and Engineering

M E H Arif Collage, Gazipur *2016 - 2018*
Higher Secondary School Certificate **Result: GPA:5.00**
Science

Rani Bilasmoni Government Boys High School, Gazipur *2011 - 2016*
Secondary School Certificate **Result:: GPA:5.00**
Science

THESIS

A Fast Method for Predicting CTU Partitioning in VVC Intra Partition
In multimedia applications, Versatile Video Coding (VVC) improves compression efficiency but faces high computational complexity. This study proposes a heuristic-based method using variance and gradient analysis to predict Coding Tree Unit (CTU) partitions, reducing unnecessary processing. The approach achieves a 48.17% reduction in encoding time with a slight increase in bitrate (1.38%), balancing efficiency and video quality.

PROJECTS

Namaz App Github
Java, Android Studio
This mobile app tracks prayer times globally with an internet connection and offline prayer times for Dhaka, Bangladesh. It provides Islamic resources like a Dikir Counter, Duas, 40 Hadith, and Quranic verses, all accessible offline.

RUETian App *Github*
Java, Android Studio
This mobile app for RUET students offers easy access to the syllabus, class routines, and detailed institution information. It serves as a convenient platform to stay updated on academic schedules and essential university details, enhancing the overall student experience.

Agriculture Help Desk Website Github
HTML, CSS, PHP
This prototype website features a blogging platform for sharing articles and insights, an e-commerce section for buying and selling products, and a live chat feature for real-time customer support.

CERTIFICATES

Supervised Machine Learning: Regression and Classification Link
Neural Networks and Deep Learning Link

TECHNICAL STRENGTHS

Programming Languages	C, C++, Python, MATLAB
Database management systems	MySQL, SQL Server
Web development	HTML, CSS, PHP
Software & Tools	MS Office, Visual Studio, Android Studio

SOFT SKILLS

- Leadership & Teamwork
- Communication
- Problem-solving
- Analytical & Critical Thinking
- Decision Making

CO-CURRICULAR ACTIVITIES

- Class Representative at Dept. of CSE, RUET
- Publicity Coordinator at IOT Club, RUET
- Vice President at Dhaka Nibashi Somiti, RUET
- Treasurer at Gazipur District Association, RUET

AWARDS

- **Leadership Award** for acting as Class Representative.
  by Dept. of CSE, RUET

PERSONAL INFORMATION

Father : Md. Jamal Uddin
Mother : Mst. Asma Begum
Date of Birth : 07 Nov. 1999
Present Address : 119/A, Deshipara, Joydebpur, Gazipur-1700
Permanent Address : 119/A, Deshipara, Joydebpur, Gazipur-1700
Nationality : Bangladeshi (by birth)
Religion : Islam
Marital Status : Married

REFERENCES

	Reference 1	Reference 2
Name	Md. Farukuzzaman Faruk	MD. Zahirul Islam
Designation	Assistant Professor	Assistant Professor
Organization	Dept. of CSE, RUET	Dept. of CSE, RUET
Address	RUET, Rajshahi	RUET, Rajshahi
Mobile	+8801725344079	+8801855291280
Email	faruk@cse.ruet.ac.bd	km.zahir61@gmail.com

I hereby declare that all the information provided in this CV is accurate and true to the best of my knowledge.

Merajul

Md. Merajul Rahman Shipon