

# S.M. SHARIFUZZAMAN

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## SUMMARY

A recent Electrical and Electronic Engineering graduate from RUET with hands-on experience from industrial training, leadership roles, and successful projects. Strong in teamwork, problem-solving, and applying technical skills to practical situations. Motivated to contribute to the development of the electrical and electronics field with a focus on innovation. Quick to learn new technologies and adapt in dynamic environments.

## EDUCATION

<b>B.Sc. in Electrical &amp; Electronic Engineering</b> Rajshahi University of Engineering & Technology CGPA: 3.00 out of 4.00	<b>Passing Year-2025</b>
<b>Higher Secondary School Certificate</b> Daud Public College, Jashore Cantonment GPA: 5.00 out of 5.00	<b>Passing Year-2019</b>
<b>Secondary School Certificate</b> Jashore Govt. Shikkha Board Model School & College, Jashore GPA: 5.00 out of 5.00	<b>Passing Year-2017</b>

## SKILLS

### Software Skills:

- MATLAB, Adobe Photoshop, Microsoft Word, Excel and PowerPoint, Google Workspace, C Programming, Python, HTML Coding, Wordpress, EasyEDA, Simulink

### Personal Skills:

- Leadership, Negotiation, Teamwork, Organizational Skills, Time Management

## EXPERIENCE

<b>Industrial Trainee</b> Bangladesh Telecommunications Company Limited (BTCL), Rajshahi <ul style="list-style-type: none"><li>Gained knowledge about operations of all department</li><li>Gained knowledge about working of servers, distributions of bandwidth, Wireless services of BTCL</li></ul>	<b>Mar 2024 - Mar 2024</b>
<b>Technical Support Engineer</b> Alliance for Supply Chain Management <ul style="list-style-type: none"><li>Overseeing the management of network infrastructure and websites.</li><li>Administering and maintaining the payment gateway.</li></ul>	<b>Feb 2024 - Present</b>

## CERTIFICATES

### Certificate of Leadership

Department of Electrical and Electronic Engineering, RUET

### Basic Programming with Python

Institute of Information and Communication Technology (IICT), RUET

## PROJECT

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- RFID-Enabled Attendance Management System with Remote Access
- Create website for Greater Jashore Students' Association and ASCM Bangladesh
- Smart ECG Monitoring Device using ESP32

## THESIS

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### Detection and Mitigation of False Data Ejection Attack (FDIA) in Smart Grid Using Machine Learning

Designed and implemented a machine learning-based framework for real-time detection and mitigation of False Data Injection Attacks (FDIA) in smart grids. Evaluated supervised (MLP, SVM, XGBoost), unsupervised (Autoencoder, Isolation Forest), and ensemble models (Voting, Stacking) on IEEE 14-bus simulation data. Achieved over 99% accuracy with low false positives, supporting online inference and scalable deployment via a Streamlit-based interface.

## CLUB EXPERIENCE

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### President

May 2024 - Jun 2025

Greater Jashore Students' Association of RUET

### Vice President

Jan 2024 - Jun 2025

RUET CORE

## PERSONAL INFORMATION

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**Fathers Name:** Md. Bazlur Rahman

**Mothers Name:** Feroza Rahman

**Date of Birth:** 20 Feb 2002

**NID No.:** 6013006850

**Blood Group:** AB+

## REFERENCE

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### Dr. Md. Rabiul Islam


Professor

Department of Humanities,

Rajshahi University of Engineering & Technology

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