

MD SHAJJADUR RAHMAN

Graduate Electrical & Electronic Engineer

✉ shajjadurr49@gmail.com ☎ +880 1671-683084 📍 Boro Moghbazar, Dhaka, Bangladesh



PROFESSIONAL SUMMARY

Results-driven EEE graduate with hands-on expertise in PLC programming, industrial automation, circuit simulation, and IoT systems. Brings 1.5+ years of professional experience in risk & compliance analysis with a proven ability to evaluate complex information, manage data pipelines, and communicate technical findings clearly. Eager to leverage a strong engineering foundation and cross-functional analytical skills to deliver value in automation, power systems, or embedded systems roles.

WORK EXPERIENCE

Senior Risk & Compliance Analyst — ServisEngine Ltd, Dhaka

Feb 2023 – Sep 2024

- Conducted due diligence investigations on international clients by analyzing English-language news and financial data, delivering structured risk assessments that informed overseas client decisions.
- Aggregated and synthesized multi-source information into structured compliance applications, reducing research turnaround time through systematic workflows.

B.Sc. in Electrical & Electronic Engineering (EEE)

American International University Bangladesh (AIUB), Dhaka | CGPA: 3.06 / 4.00 | 2023

Higher Secondary Certificate (HSC) — Science | GPA: 4.30 / 5.00

Chaumuhani Govt. S.A College, Noakhali | Comilla Board | 2014

Secondary School Certificate (SSC) — Science | GPA: 4.88 / 5.00

Begumganj Govt. Pilot High School, Noakhali | Comilla Board | 2012

KEY PROJECTS

- IoT-Based Traffic Management System (Final Year Project) — **Designed and implemented a real-time traffic monitoring system using Raspberry Pi and a camera module. Applied Python image processing and IoT data transmission to optimize traffic flow signals autonomously.** IoT-Based Traffic Management System (Final Year Project) —
- Conveyor Belt Automation — **Developed a PLC-controlled conveyor belt system using TIA Portal, integrating sensor logic and relay control for industrial simulation.**
- Industrial Washing Machine Control System — **Engineered a programmable control system for a washing machine cycle, incorporating HMI interfacing and VFD motor speed control.**

TECHNICAL SKILLS

Automation & PLC	PLC Programming (TIA Portal), VFD, HMI, Servo & Stepper Drives, DOL Starter, Star-Delta, Relay Logic
Circuit & Simulation	NI Multisim, Proteus Professional, MATLAB, Cadence, Fritzing, AutoCAD
Programming	C, C++, Basic Hardware & Software Troubleshooting
Compliance Tools	Due Diligence Research, Risk Analysis, File & Data Management, Server Distribution
Productivity	MS Word, Excel, PowerPoint, Google Workspace (Docs, Sheets, Slides, Forms, Calendar)

PERSONAL INFORMATION

Date of Birth:	26 October 1996	Nationality:	Bangladeshi
Blood Group:	AB+	Marital Status:	Single
Hobbies:	Gaming, Music, Cricket, Travelling		

DECLARATION

I hereby declare that all information stated above is true and accurate to the best of my knowledge.

MD SHAJJADUR RAHMAN

Date: 12 April 2026