

Curriculum  
Vitae Of  
**Shawan Karmokar**  
Prattasha Bhaban  
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Faridpur.  
7804  
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## CAREER OBJECTIVE

To obtain a challenging position as an Electrical and Electronics Engineer in a leading organization, where I can apply my academic knowledge, work experiences, and skills to make a significant contribution to the company's success.

## WHAT MAKES ME DIFFERENT

I am a detail-oriented and meticulous engineer with a proven track record of success, punctuality, and reliability. I am a strategic thinker who knows how to prioritize tasks and achieve results. I am always willing to go the extra mile to get the job done right.. My work approach is selective, focusing on the tasks that will give the highest reward for the time I invest.

## ACADEMIC BACKGROUND

- **B.Sc in Electrical & Electronic Engineering**  
May 2014 – April 2018  
CGPA: 3.22 (OUT OF 4)  
  
**American International University-  
Bangladesh (AIUB), Dhaka**
  
- **Higher Secondary Certificate(H.S.C)**  
RESULT: 4.1 (OUT OF 5)  
Group: Science  
  
**Govt. Yasin College, Faridpur**
  
- **Secondary School Certificate (S.S.C)**  
RESULT: 4.63 (OUT OF 5)  
Group: Science  
  
**Kushtia Zilla School, Kushtia**

## EMPLOYMENT HISTORY

### 1. Provita feed ltd.

POST: ASSISTANT ENGINEER  
Job Location: Chottogram  
Department: Engineering

#### Duties/Responsibilities:

Monitoring & operation of the plant with SCADA software, HMI, Leading a maintenance team.

### 2. OPPO BANGLADESH COMMUNICATION EQUIPMENT LTD.

POST: MAINTENANCE ENGINEER  
Job Location: Dhaka  
Department: Engineering

#### Duties/Responsibilities:

Smartphone maintenance, Managing inventory, Customer support.

### 3. IFIC BANK PLC.

POST: ASSISTANT OFFICER  
Job Location: Faridpur, Shariatpur Branch

#### Duties/Responsibilities:

Handled cash and cheque receipts and payments, bill receipts and transfers, fund transfers, and loan payment/transfers.

## »PROJECTS I HAVE WORKED

- ❖ Microcontroller-Based Blind Guidance System using the sonar sensor.
- ❖ Auto Intensity Control of Street Lights using LDR and Arduino Nano.
- ❖ IoT based Digital Temperature Sensor.
- ❖ Sun tracking solar panel using Arduino.
- ❖ Water level indicator.
- ❖ Dual Axis Solar Tracking System with Weather Sensor.
- ❖ IoT Based Antenna Positioning System.

## »Academic research and publication

- ❖ “**Microcontroller based lp gas detector & safety system using gsm module with IOT**”, Final year Project and Thesis Report for B.Sc. in Electrical and Electronic Engineering, American International University - Bangladesh, April-2018.
  - ✓ Published as “**A Smart Approach of LPG Monitoring and Detection System Using IoT**” based on further research and project works and published on the 11th international conference on computing, communication, and networking technologies (ICCCNT), IIT-Kharagpur, West Bengal, India 2020.
- ❖ “**Microcontroller based intelligent greenhouse environment monitoring and controlling system.**” published on 2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE).

## »Expertise

- Arduino
- Microcontroller
- Basic Python language
- Programming language C
- Installation & troubleshooting of Software’s & Hardware Devices
- Installation & troubleshooting of Operating System
- NI Multisim (Simulation)
- Proteus (Simulation)
- Front desk customer support
- Microwind

## » Language proficiency

- English
- Bangla(native)

## » Training

Training Title	Topic	Institute	Year	Duratio n
<b>IT SUPPORT TECHNICAL</b>	Introduction to IT, Hardware, System and Application, Software Overview, Troubleshooting, Database Fundamentals, Operating System, Networking.	BITM, Bangladesh	2018	3 Months

## » EXTRACURRICULAR ACTIVITIES:

- ❖ Member and volunteer at "AIUB COMMUNITY OF ENGINEERING STUDENTS" organizing various seminars and workshops.
- ❖ Active Member of Non-Profitable Social Organization 'Radio Faridpur', organizing member of Blood Donation Camp held in Faridpur, collecting and donating winter clothes, charity programs during the corona pandemic, and any social disaster.
- ❖ Attended seminar on "Nuclear Energy and Its Prospect in Bangladesh", the seminar was inaugurated by honorable Prof. Dr. Tafazzal Hossain, Prof. Dr. M.A. Wadud Mondal, and the keynote speaker of the seminar, Prof. Dr. Afroza Shelley at AIUB, Bangladesh.
- ❖ Attended a workshop at AIUB based on "PSIM" and got a certificate on my performance.

## » PERSONAL PROFILE

Father's Name : Late Biraz Kumar Karmokar  
Mother's Name : Joshna Rani Karmokar  
Date of Birth : 31 December 1995  
Gender : Male  
Marital Status : Single  
Nationality : Bangladeshi  
Permanent Address : P/O: Gohailbari, PS: Boailmari, Zilla: Faridpur

## » REFERENCES

Saniat Rahman Zishan Senior Assistant, Professor, Dept. of EEE & CoE, Head (CoE Dept.), Special Assistant (OSA) America International University, Dhaka Email: <a href="mailto:saniat@aiub.edu">saniat@aiub.edu</a> Cell: 01720191713	Md. Habibur Rahman AVP & BM IFIC BANK PLC Kushtia Branch, Kushtia Email: <a href="mailto:md.habib@ificbankbd.com">md.habib@ificbankbd.com</a> Cell: 01730711356
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I hereby declare that the above-mentioned statements are true to the best of my knowledge.



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SHAWAN KARMOKAR