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Curriculum Vitae of Rajiur Rahman Raj



OBJECTIVE

As a beginner in the Industrial field, while making a positive contribution, I would like to build a career, making the best use of my analytical, creative and logical skills to perform the job efficiently.

PERSONAL INFORMATION

Name: Rajiur Rahman Raj

Father's name: Md. Rezaul Haque.

Date of Birth: 12th September, 1999. **Religion:** Islam.

Blood Group: B(+ve)

Current Residence: Mirpur-2, Dhaka-1216.

EDUCATION

**B.Sc(Electrical and Electronic Engineering) | American International University-
Bangladesh (AIUB)**

PASSING YEAR: 2022

CGPA: Good Enough.

H.S.C(Science) | Mirpur College

DHAKA BOARD

PASSING YEAR: 2017

GPA: 4.75 out of 5

S.S.C(Science) | Shandhani School And College

JASHORE BOARD

PASSING YEAR: 2015

GPA: 4.78 out of 5

EXPERIENCE

○ **Executive Engineering | Ellipse Technologies Limited**

December 2022 – Present

- Led and trained the Industrial Automation team, inspiring members to meet greater standards of quality and boost overall productivity.
- Reviewed requirements, specifications, and technical design documents to provide timely and meaningful feedback.
- Managed projects of Industrial Automation from start to finish, including site visits, team coordination, and reporting, resulting in on-time completion and within budget.
- Established strong relationships with clients and my team members.

○ **Internship | Physical Plant and Infrastructure (Electrical) Division of AIUB**

July 2021 – September 2021

- Learned about the classification of corporate structure, and culture at the office, introduction to the company, and structures of AIUB.
- Gained experience working on design projects, including learning about the cofactors that impact design success, and the importance of incremental steps towards achieving a goal.
- Learned about professionalism, etiquette, and ethics in the workplace, including the different types of etiquette and their importance.
- Learned about optimizing designs based on client requirements, and the importance of various electrical safety equipment and components used based on the Bangladesh National Building Code.
- Gained experience with different types of reports, including learning about the smart approach to reporting, and the transformation of reporting over time.

VOLUNTEER WORK

- **Senior Mentor | Gangni Gonit Poribar**

2016 – Present

Every year Gangni Gonit Poribar arranges Math Festival. It contains Math Olympic, seminar and quizzes for school students of Meherpur district.

- **Volunteer | Engineering Students' Association Of Bangladesh (ESAB)**

2020 – Present

ESAB has involved itself in addressing social causes and introducing new technologies among students and has always been trying to be a common platform for engineering students from all over the country.

SKILLS AND EXPERTISES

- **Professional Skills:** Microsoft Office, MATLAB, Proteus, PSIM, NI Multisim, AutoCad Electrical, CodeBlocks, Basic of Linux and Oracle DBA etc.
- **Programming Languages:** HTML, Basic C/C++.
- **Projects:** i) Rain Detector for farmers, ii) Dual Axis Solar Tracker System, iii) Automatic Water Pump Controller, iv) Bluetooth Controlled RC Car, v) Voice Controlled Robot Car Using Arduino etc.
- **Final Year Electives:** Renewable Energy Technology, Power System Protection.

FINAL YEAR PROJECT

Title: IoT based Low-Cost Ventilator with Pressure, Temperature and Blood Oxygen Sensing for COVID-19 Pandemic.

- Designed and developed a low-cost ventilator system that can help COVID-19 patients breathe more easily.
- At the Intermediate level, AutoCAD software was used for the initial design and drawing of the ventilator and at the advanced level Cayenne server was used to track patient condition in real-time from anywhere in the world.
- Incorporated pressure, temperature, and blood oxygen sensors to monitor patient vitals and adjust the ventilator settings as needed.
- Presented the project at several national and international conferences, receiving positive feedback from industry experts.

TRAINING SUMMARY

Training Title	Topic	Institute	Year
Linux Bootcamp 1	Linux: Beginner to Intermediary.	AIUB Institute of Continuing Education	2022
Basic Safety Training	PPE Training, Safety Impact Experience, Survival Training, Safety Harness And Fall Experience, Electrical Safety, Lockout Tag out (LOTO), Firefighting, First Aid And CPR.	Samsung C & T Safety Academy.	2022

REFERENCE

➤ **Mr. Mehedi Hasan**

Assistant Professor

Faculty of Engineering

American International University-Bangladesh (AIUB)

Mobile No: 01732-309847

Email: mehedi@aiub.edu

CERTIFICATION

I certified to the best of knowledge and belief, these data correctly described my qualifications and me. I understand that any misstatement described there in my lead to my disqualification or dismissal if employed.

Rajiv

Signature