

Md Imran Hossain

Calgary, Alberta | Cell 4034278222 | info.imran99@gmail.com
<https://www.linkedin.com/in/md-imran-hossain-56bb1885/>

PROFESSIONAL SUMMARY

Results-driven Electrical Engineer with 5+ years of experience in power systems, control systems, and electrical infrastructure across diverse industries. Skilled in designing, analysing, and maintaining electrical networks, with hands-on expertise in ETAP, AutoCAD, PLC programming, and protection systems. Adept at managing projects from concept to execution, ensuring compliance with safety and quality standards. Holds a Master's and bachelor's in electrical & computer engineering, with proven ability to deliver innovative solutions that improve system efficiency and reliability.

WORK EXPERIENCE

Electrical Technician (Control Panel Assembler)

01/2023 - 08/2023

Cousins Packaging Inc, Toronto, Canada

- Interpreted electrical and mechanical schematics, blueprints, and diagrams.
- Assemble electrical components to build control panel based on schematic diagrams.
- install a built control panel in the automatic wrapping machine.
- Testing and commissioning of completed assembled machine.
- Troubleshooting faulty or malfunctioning machines.

Electrical Engineer

09/2017 - 12/2022

CH Engineering and Services Pte Ltd – Singapore

- Responsible for managing the team to execute proper installation and maintenance of any electrical works.
- Analyses technical problems and takes appropriate actions.
- Attending Surveys, and tender briefings, Cost analysis, preparing prices, and executing installation work in coordination with another team
- Monitoring the operation of all critical infrastructure including HT/LT Switchgear, Transformers, UPS, DB, Control Panels, Alternators, Motors, VFDs, Lighting, Lightning, PLC Devices, and other integrated Electrical Systems.
- Experienced in complex automatic control equipment, including various pump systems, relay logic, PLC, BMS systems, and their integration with ACMV systems.
- Provide front-line support and troubleshooting in the event of failure of M&E services.
- Carry out maintenance work in accordance with the maintenance schedule and monitor term contractors in carrying out regular servicing
- Oversee regularly scheduled work as well as ad-hoc installation work in compliance with safety.
- Design and update existing AutoCAD Electrical As-built, SLD, Schematic diagram, and Power Layout drawing.
- Thermal Scanning, Protection relay testing such as IDMTL, DTL, OCR, and ELR by Secondary Injection Test.
- Power Analysing, Data Cable testing, and preparing Test Report.

Trainee Engineer

05/2016 – 05/2017

Semaphore Telecommunication Pte. Ltd, Dhaka, Bangladesh

- Responsible for maintaining Networking Maintenance, Operation, and Signal testing. Fault find out, T&C
- Update AutoCAD As-Built Drawing

EDUCATION

Master of Engineering – Electrical and Computer Engineering

May 2025

(Energy and Environmental specialization)

University of Calgary, Calgary, Alberta

B.Sc. in Electrical and Electronic Engineering – Daffodil International University, Bangladesh

January 2016

SKILLS

- AutoCAD Drawing
- Proficient in ETAP (Load Flow Analysis, Short Circuit Analysis and Protection Coordination)
- PLC Programming – RS Logix Ladder diagram
- Control Panel Logic Simulation (Automation Studio)
- Efficient on MS Word, Power point, Outlook, Excel
- Driving License - Class 5