

MD IFTAKHARUL ALAM

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CAREER SUMMARY

Experienced Electrical and Electronic Engineer with 12+ years in the field, proficient in designing and implementing complex systems. Skilled in Computer Science & Engineering, with expertise in software development and programming. Seeking a challenging role in the Engineering sector to provide innovative solutions to complex problems. Passionate about continuous learning and contributing to a dynamic organization.

KEY SKILLS

Electrical Codes & Standards | Professional Electrical Planning, Draw & Design According to engineering code for residential & Industrial Audit | Lifts, Escalators and Moving Walks | Air-Conditioning, Heating and Ventilation | Advance MCC & RLC Design | Advance Instrumentation, Process & trouble Shooting | Professional Industrial Automation Design | Industrial PLC program with project | Professional variable frequency drive (VFD) | Professional human machine interface (HMI) | DCS, SCADA, WINCC, IEDS, RTU, SERVO | PCB Design | Robotics & Microcontroller | Microcontroller & Embedded System | Estimate & Design Anti-terror equipment's | Design & Implementation of Communication System, Security System, Safety System, Automation System, Industrial Machinery & Equipment's, Sound & Conference System | Web development, Networking & Graphics Design | SMM, Digital Marketing, Lead generation.

WORK EXPERIENCE

Project Manager

TechGuard, Dhaka, Bangladesh

Sep 2022 – Present

- Discussing potential projects and their parameters with clients, executives, and software developers.
- Planning out the blueprints for software projects, including defining the scope, allocating resources, setting deadlines, laying out communication strategies, and indicating tests and maintenance.
- Creating a project budget and ensuring the project adheres to the budget as closely as possible.
- Planning, organizing, leading, and monitoring project activities to ensure that the project is completed on time, within budget, and meets the quality standards and expectations of all stakeholders involved.

Co-Ordinator [Design & Planning] – Part Time

Backframe Engineering & Consultancy, Dhaka, Bangladesh

Apr 2021 - Present

- Establishment of design management protocols and clear communication of expectations and deliverables with designers and design contractors. Determine project requirements, develop design concepts, prepare cost estimates/BOQ, source materials, review progress, and consult with clients every step of the way.

Managing Director

Jul 2021 – Jun 2022

Chief Executive Officer

Jul 2016 – Jun 2019

A R Integration & Solution Ltd, Dhaka, Bangladesh

- Establish clear, measurable goals and objectives for company and working towards and provide a roadmap for success. Manage company's finances carefully, including cash flow, revenue, and expenses.
- Build relationships with external experts and agencies through seminars, conferences and professional networking. Advise the board of directors & organization leaders on strategic issues, & helping the company achieve its goals. Present reports on the company's business and performance to the board.
- Export, Import & Supply of Hardware & Software products/services -Manufacturing and Assembly of Hardware.
- Get 6000+ local clients and 300+corporate clients within three years, -Attend mega project like PowerStation. Perform tenders in different government organization like PWD, LGED, PDB, BGB, Ministry etc.

Senior Software Engineer (Part Time)

Elixir, Dhaka, Bangladesh

Jul 2017 – Apr 2018

- Develop high-quality software design and architecture. Identify, prioritize and execute tasks in the software development life cycle. Develop tools and applications by producing clean, efficient code. Review and debug code.
- Perform validation and verification testing. Collaborate with internal teams and vendors to fix and improve

products. Ensure software is up-to-date with latest technologies.

Assistant Manager

Power IT & Electronics Ltd, Dhaka, Bangladesh

Dec 2015 – Jan 2017

- Scheduling, maintaining inventory and evaluating employee performance. Manage daily business operations, verify schedule of technical personals. Install/deliver technical activities of different systems & handover in a given time duration. Ensure new hires, train & understand their roles and duties.
- Planning and supervising the day-to-day corrective, planned preventive and predictive maintenance of Industrial machinery for achieving zero breakdown.

Executive Technical

ZM International, Dhaka, Bangladesh

Mar 2015 – Nov 2015

- Communicating, Understanding of requirements of clients. Design the system like Security System, Safety System, Antiterror Equipment's etc. that suit and generate most efficiency.
- Control & monitor of Diploma engineers and technicians to Implement/install the system as per design & also as per code & standard.

Web Designer Part Time

Elixir, Dhaka, Bangladesh

May 2014 – Aug 2015

- Designing visually appealing and user-friendly websites by using various design tools and techniques.
- Collaborating with clients and other team members to understand their requirements, preferences, and goals to create a website that meets their needs.
- Ensuring the website is optimized for speed, accessibility, and search engine optimization (SEO) to provide the best possible user experience.

Electrical Engineer

Banyan Developers Ltd, Dhaka, Bangladesh

Sep 2014 – Feb 2015

- Designing and developing electrical systems, equipment, and components by analyzing customer requirements and applying principles of electrical engineering.
- Ensuring the electrical systems and equipment comply with relevant codes, standards, and regulations, and are safe, reliable, and efficient. Testing and troubleshooting electrical systems and equipment to identify and resolve any issues and ensure they function as intended.

Executive Technical

Joti Trade International, Dhaka, Bangladesh

Feb 2014 – Aug 2014

- Design the system like PABX Intercom system, Networking, Call center solution, Nurse call system, Video Door phone, Sound System, Conference System, LED Display System, Queue Management System (For Bank), Projection technologies and Corporate Lighting etc. that suit and generate most efficiency.

Jr. Executive technical (Part Time)

Communication Zone International, Dhaka, Bangladesh

Mar 2011 – Nov 2013

- Setup, install of devices, equipment's, products of different Radio (2-way) communication system (like HF, VHF, UHF set & Repeaters) and Radio data transfer modems (long range).

EDUCATION (WES EVALUATED)

- **B.Sc in Computer Science & Engineering**, IBAIS University, Dhaka, Bangladesh 2010 - 2013
CGPA: 3.50 out of 4.00
- **B.Sc in Electrical and Electronic Engineering**, University of Asia Pacific, Dhaka, Bangladesh 2008 - 2012
CGPA: 3.18 out of 4.00
- **Higher Secondary Certificate in Science**, Bir Shreshtha Munshi Abdur Rouf Rifles College, Bangladesh 2006 - 2008
GPA: 3.60 out of 5.00
- **School Secondary Certificate in Science**, Bir Shreshtha Munshi Abdur Rouf Rifles College, Bangladesh 2004 - 2006
GPA: 4.19 out of 5.00

LANGUAGE

Bengali – Native | **English** – IELTS overall band score: 6.0

REFERENCE

Available on request.