

# RESUME of ABDUL AZIZ



## ABDUL AZIZ

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### PROFESSIONAL OBJECTIVE

Seeking a suitable and rewarding career with an esteemed organization, this would offer good advancement, potential, challenges and opportunities to zoom my career growth contributing to the success of the organization.

### PROFILE

- ✚ B.sc in Electrical and Electronic Engineering major with Power System Protection.
- ✚ Working as an **Assistant Engineer (Operation) at a 55MW HFO based Power plant.**
- ✚ Deep knowledge about Sub-station, Switchgear, HVAC, Industrial equipment Computer system hardware, Embedded system, Robotics, Automation.
- ✚ Versed in strong oral and written communication skills
- ✚ Highly motivated, energetic, goal oriented and reliable team player

### JOB EXPERIENCE:

01. At present working as an **Assistant Engineer (Operation) at DOREEN POWER LTD.**

**UNIT: Dhaka Southern Power generation limited (DSPGL).**

**55MW HFO based power plant.**

**Location: Nowabgonj, Dhaka, Bangladesh.**

**Department: Operations & Electrical Maintenance.**

**Period: 01 August 2017 to Continuing.**

#### Job Responsibilities:

- Supervise, maintain & monitor operational activities of plant (containing 3\*MAN 18V48/60TS engines & one 2.9MW Triveni Steam Turbine) during shift according to company policies and procedures.
- Handle & operate of SCADA & DCS system.
- Maintaining plant power production as per demand of BPDB & determined by management.
- Maintaining effective communication with NLDC over telephone & email in a manure so that both parties can operate their respective facilities in consistent with instructions & prudent utility practice.
- Arrange start-up, shut-down and normal operations of the power plant systems.
- Prepare daily reports, shift report, create maintenance request and maintain all logs and records in a clear & concise manner according to prescribes forms & guide lines.
- Take corrective action during system operational disturbance and bring such disturbances to the attention of plant management.

- Communicate effectively the condition of the plant equipment and performance to operations manager & fellow operators and also to contact with maintenance manager.
- Provide the relieving shift Engineers with a complete handover, bringing to his attention any operational disturbances, malfunctions or abnormalities.

**02. Worked as a Project Electrical Engineer at Janasheba Foundation Hospital-USTC-BBMH.**

Period: 16 July 2016 to 31 July 2017. [01 Year]

**Job Responsibilities:**

- Confer with engineers, supervisors, and others to discuss existing or potential engineering projects and products.
- Design, implement, maintain and improve electrical instruments, equipment, facilities, components, products, and systems for commercial, industrial, and domestic purposes.
- Supervising 3150KVA, 2500KVA, 1600KVA, 630KVA Substation projects for two modern hospital projects and one high rise building project.
- Operate computer-assisted engineering and design software and equipment to perform engineering tasks.
- Direct and coordinate manufacturing, construction, installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, codes, and project requirements
- Installing&supervising1400KVA,900KVA,700KVA,300KVA Cummins,(1250KVA+1250KVA) Kohler Diesel
- Generators according to design with consultant and vendors.
- Checking and monitoring biomedical equipment at old BBMh, Foyslake, Chittagong.
- Supervise and train project team members as necessary.

**EDUCATION:**

Degree	Subject	University/College/School	Year	Result
B.SC (ENGG)	Electrical & Electronic Engineering	American International University-Bangladesh (AIUB)	2016	3.57 out of 4.00
HSC	Science	Dhaka Imperial College	2012	5.00 out of 5.00
SSC	Science	Ataturk Model High School	2010	4.81 out of 5.00

**ENGINEERING SKILLS**

**MACHINE & HARDWARE:**

- Knowledgeable about ATS, LT & HT panel, PFI, HV-Circuit Breaker.
- Synchronizing panel, DMC, Cummins/KOHLER Generator, Schneider Electric equipment, Sub-station designing.
- Strong knowledge about all Industrial Machines like 3Ø motor, Chiller Pump, Firefighting equipment.
- Transformer, Induction machine, Generator, Alternator, Electric Panel board, Fuji/Hyundai/SIGMA lift.

**SOFT & TECHNICAL SKILL:**

- Computer and Electronics-Knowledge of circuit boards, Processors, chips, electronic equipment, and hardware and software, including applications and programming.
- Mechanical-Knowledge of machines and tools, including their designs, uses, repair and maintenance
- Effective execution at work site as well as personal grounds.
- Ability to assess faults, prioritize, respond and escalate accordingly

**SOFTWARE SKILL:**

Programming Language	C, C++, JavaScript, Verilog, VHDL, HTML, CSS;
Operating sys.	Mac, Linux, Windows98/XP/7/10;
Industrial PLC	Allen-Bradley MicroLogix 1500
Embedded System	AVR, Arduino-interfacing, Programming, ResberryPI
Browsing	Internet Explorer, Mozilla Firefox, Chrome, Safari etc.
Designing software	Cādence, Hspice, Microwind, Pspice, MARIE, Proteus, Multisim, MATLAB2013, Microsoft Visual-studio, Codeblock, Electrical Building CAD design-AutoCAD2015, Dialux Evo, Adobe Photoshop, Google SketchUp, Proteus, Multisim.

**PUBLICATION:**

01. Mohd Zean, *Abdul Aziz*, Minhajul Islam, M.Salman Morshed Abir, Shuvra Saha “*CNTFET based Multiplexers and Magnitude Comparator*” (Published, Proceedings of the 2017 4th International Conference on Advances in Electrical Engineering (ICAEE), (Dhaka, Bangladesh)

**SEMINAR & WORKSHOP:**

- Seminar on “**Electrical Services For Buildings and Industries-Design**”  
*Md. Shah Alam Talukder, PEng.*
- Workshop “**PCB fabrication and layout design**”  
*Mr. Kazi Ahmed Asif Fuad, Lecturer, Faculty of Engineering*
- Industrial Tour “**Runner Automobiles Limited (RAL) Motorcycle Manufacturing factory**”.
- Workshop “**Basic concepts of MATLAB**” *Ms. Tajbia Karim, Lecturer, Faculty of Engineering*

**PERSONAL DETAILS**

Father's Name : Abul Kashem  
 Mother's Name : Jahanara Akter  
 Date of Birth : 1st June 1994  
 Place of Birth : Noakhali.  
 Marital Status : Single.  
 Gender : Male.  
 Religion : Islam.  
 Nationality : Bangladeshi.  
 NID No. : 19947518019000036  
 Permanent Address : Iman Ali Hazi Bari, Bijbagh, Bijbag-3862  
 Senbagh, Noakhali, Bangladesh.

**REFERENCES:**

<b>Dr. Mohammad Abdul Mannan</b> Associate Professor, AIUB Head of UG Program, Faculty of Engineering, Email: mdmannan@aiub.edu	<b>Rashed Al Mizan</b> Lecturer BGMEA University of Fashion Technology Email: rashedmizan67@gmail.com Cell: +8801813621277
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**ABDUL AZIZ**