

# JOB AD

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Pulse Engineering Ltd

Electrical Engineer

Application Deadline : 14 Aug 2025

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Requirements

Responsibilities

Salary & Benefits

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Summary

Vacancy: 1

Location: Dhaka

Salary: Tk. 15000 - 20000 (Monthly)

Experience: At least 3 years

Published: 15 Jul 2025

Applicants are encouraged to submit Video CV.

To access Application Insights Get Bdjobs Pro

Requirements

Education

- Bachelor in Engineering (BEngg) in Electrical & Electronic Engineering

Experience

- At least 3 years
- The applicants should have experience in the following business area(s): Engineering Firms

Responsibilities & Context

- Supervise and guide technicians in electrical wiring, cable routing, panel installation, earthing, generator, substation etc.
- Prepare and interpret Single Line Diagrams (SLD) and control wiring diagrams.
- Ensure proper panel assembly, wiring, and quality control as per standards.
- Coordinate with project engineers, technician and clients for on-site implementation.
- Conduct routine inspections and keep record of materials.
- Maintain proper documentation, BOQ, requisition and work progress reports.
- Ensure compliance with electrical safety standards and company policies.

Compensation & Other Benefits

- T/A, Performance bonus
- Lunch Facilities: Full Subsidize
- Festival Bonus: 2

Workplace

Work at office

Employment Status

Full Time

Job Location

Dhaka

Job Highlights

Electrical Engineer ( BSc in EEE) with 3 years experience

Company Information

Pulse Engineering Ltd

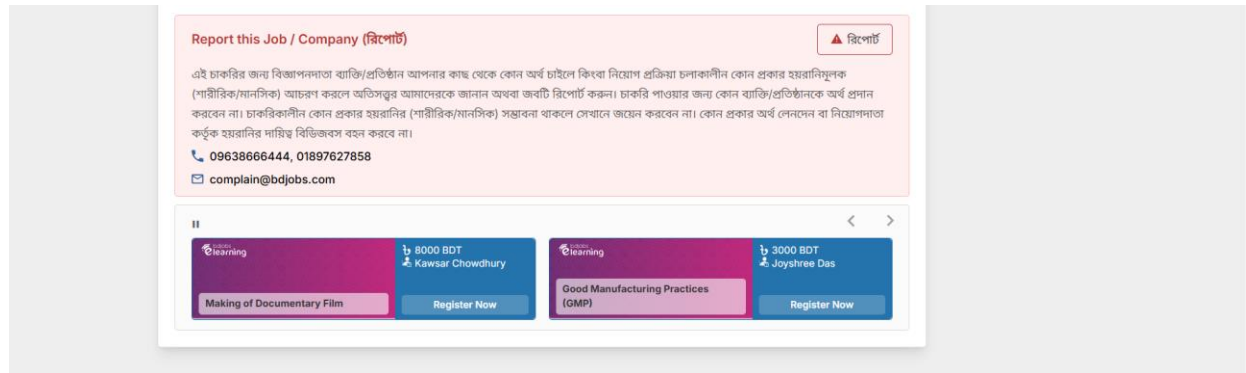
Address:

143/Ka, (1st & 2nd Floor), Road #05, PC Culture, Shymoli, Dhaka-1207

Website:

www.pulsebd.com

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## COVER LETTER WORKSHEET

Job Title: Electrical Engineer  
Company: Pulse Engineering Ltd.  
Location: Shymoli, Dhaka-1207

### Preparation

1. Based on the job ad keywords and context, what is the company looking for in a candidate?

- A B.Sc. in Electrical & Electronic Engineering (EEE)
- Minimum 3 years of relevant experience, preferably in engineering firms
- Ability to supervise technicians for wiring, panel installation, earthing, generators, substations
- Skills in preparing and interpreting Single Line Diagrams (SLD) and control wiring diagrams
- Ensuring panel assembly quality control, documentation management, and safety compliance
- Coordination with engineers, technicians, and clients on site

**To whom are you sending the letter?**

**Title:** Hiring Manager

**Company & Address:**

Pulse Engineering Ltd.

143/Ka (1st & 2nd Floor), Road #05, PC Culture, Shymoli

Dhaka-1207, Bangladesh

## **Opening Paragraph**

1. What is the exact title of the job?

Electrical Engineer

2. How did you discover the job was available?

BDJobs.com – Job ID 1385715

3. When was it published?

Around two weeks ago (as of current listing) e.g., late July or early August 2025

4. Why are you interested in this particular job and company?

- It aligns directly with my field of study and desired career path in EEE
- Pulse Engineering is a reputable engineering firm offering hands-on, technical roles
- The Dhaka location is ideal for me
- The role involves site supervision and technical coordination are as I'm passionate about

## **Middle Paragraph**

1. What do you have that matches those needs?

- A solid academic foundation: B.Sc. in EEE (final year student)
- Practical experience via internships or lab roles involving wiring, SLD design, and panel assembly
- Familiarity with tools like Proteus, AutoCAD Electrical, and MATLAB for design and simulation
- Strong organizational and documentation skills

2. Determine the two or three areas that are the highest priority for the company:

- Supervisory ability over technicians during installation and wiring
- Skill in SLD and control wiring diagram preparation
- Documentation and quality control compliance

## **Closing Paragraph**

1. What is the person expecting you to send?

- Your CV/resume along with a cover letter

**Abu Hanif Nayeem**

Dhaka, Bangladesh

01795532859

**Career Objective**

I am a final-year student of Electrical and Electronic Engineering, equipped with solid foundations in electronics, circuit design, and embedded systems. I have hands-on experience with tools like MATLAB, Proteus, and Arduino. Eager to apply my knowledge in real-world projects while continuing to learn and contribute effectively in a professional setting.

**Education****B.Sc. in Electrical and Electronic Engineering**

*American International University-Bangladesh (AIUB)*

2022 – Expected Graduation: 2026

**H.S.C – Science**

*Govt M M Ali College*

2019 – 2021

**Work Experience****BanglaTech Energy Ltd.**

*Intern – Power System Division*

June 2024 – August 2024

- Assisted in designing and simulating single-line distribution diagrams.
- Participated in load flow and fault analysis using ETAP.
- Prepared technical reports and supported project documentation.

**SmartCircuits BD**

*Junior Embedded System Developer*

January 2024 – April 2024

- Programmed Arduino and ESP32 boards for automation projects.
- Built and tested a Smart Traffic Control System using sensors.
- Supported PCB layout and circuit simulation in Proteus.

**Lab Assistant – EEE Department**

*American International University-Bangladesh*

September 2023 – December 2023

- Guided students during lab experiments on electrical machines and circuits.
- Helped maintain lab equipment and troubleshoot setup issues.

### **Skills**

- Project Management
- Problem Solving
- Creativity & Innovation
- Circuit Design (Proteus, MATLAB Simulink)
- Embedded Systems (Arduino, ESP32)
- ETAP (Basic)
- Leadership & Communication

**Abu Hanif Nayeem**  
Dhaka, Bangladesh  
01795532859

**August 2, 2025**

Hiring Manager  
Pulse Engineering Ltd.  
143/Ka (1st & 2nd Floor), Road #05, PC Culture, Shymoli  
Dhaka 1207, Bangladesh

**Subject: Application for the Position of Electrical Engineer (Job ID 1385715)**

Dear Hiring Manager,

I am writing to express my interest in the Electrical Engineer position at Pulse Engineering Ltd., as advertised on BDJobs.com (Job ID 1385715). As a final-year student of Electrical and Electronic Engineering at American International University-Bangladesh, I am excited about the opportunity to contribute to your reputable firm, especially given my strong academic foundation and hands-on experience in electrical engineering and embedded systems.

During my internships and work experiences, I have developed practical skills in wiring, single-line diagram design, and panel assembly supervision. At BanglaTech Energy Ltd., I assisted in designing and simulating single-line distribution diagrams and participated in load flow and fault analysis. Additionally, my role as a Junior Embedded System Developer at SmartCircuits BD gave me experience programming microcontrollers and supporting circuit simulations using Proteus. I am confident that these experiences, coupled with my familiarity with tools such as MATLAB and AutoCAD Electrical, align well with the requirements for this role.

I am particularly drawn to this position at Pulse Engineering because of the hands-on technical supervision involved and the opportunity to work collaboratively with engineers and technicians onsite, ensuring quality control and safety compliance. My organizational skills and commitment to documentation management will support your team's standards for project excellence.

Enclosed is my CV for your review. I look forward to the opportunity to discuss how my background and skills can contribute to the success of Pulse Engineering Ltd.

Thank you for considering my application.

Sincerely,  
Abu Hanif Nayeem





# ABU HANIF NAYEEM

ELECTRICAL & ELECTRONIC  
ENGINEERING STUDENT



## Contact



Dhaka, Bangladesh



01795532859



Abunayeem.com



Abunayeem@gmail.com



## Skills

### Project Management



### Problem Solving



### Creativity



### Leadership



## About Me

I am a final-year student of Electrical and Electronic Engineering, equipped with solid foundations in electronics, circuit design, and embedded systems. I have hands-on experience with tools like MATLAB, Proteus, and Arduino. Eager to apply my knowledge in real-world projects.



## Education

### B.Sc. in Electrical and Electronic Engineering

*American International University-Bangladesh*  
2022-2026

### HSC – Science

*Govt M M Ali College*  
2019-2021



## Work Experience

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