Jakariya Ahmed



House 26, Road-01, Block A mirpur-10, Dhaka
Mobile: +8801757137104
Email: jakariyaahmed104@gmail.com

CAREER SUMMARY

An enthusiastic and results-driven Electrical & Electronic Engineer with proven expertise in automation, electro-mechanical systems, and maintenance engineering. Currently, working as an Electro-Mechanical Engineer at Gildan Activewear Bangladesh Ltd. Previously worked as a Maintenance Engineer at Ashiyan food & beverage Industries Ltd. Adept at troubleshooting, optimizing PLC-automated systems, and enhancing operational efficiency.

AREA OF EXPERTISE

- Electro-Mechanical Systems Optimization: Skilled in enhancing system efficiency through effective maintenance, diagnostics, and optimization of automated machines.
- Preventive Maintenance & Reliability Analysis: Expertise in planning and executing preventive maintenance schedules to ensure operational continuity and system reliability.
- Team Collaboration & Leadership: Adept at working in cross-functional teams, managing workflows, and leading engineering projects with effective time management and problem-solving strategies.

PROFESSIONAL EXPERIENCE

Electro-Mechanical Engineer
Gildan Activewear Bangladesh | July 2024 – Present |

Responsibilities:

- Oversaw maintenance and optimization of PLC-automated chemical flow machines to ensure seamless production operations.
- Perform preventive and corrective maintenance on electrical and mechanical equipment.
- Diagnose and troubleshoot faults in motors, pumps, valves, sensors, PLC systems, and control panels.
- Quickly respond to breakdowns to minimize downtime.
- Prepare technical and operational reports to support management in making informed decisions effectively.
- Manage inventory systems efficiently to ensure smooth workflow, prevent disruptions, and minimize production delays, maintaining operational efficiency.
- Follow Lockout Tagout LOTO procedures to ensure zero energy state before electrical maintenance work.
- Maintain 5S and housekeeping standards in electrical rooms, panels, and maintenance areas.
- Conduct electrical work following risk assessment and job safety analysis JSA to minimize hazards.

Maintenance Engineer
Ashiyan Food & Beverage Industries Ltd | July 2022 – June 2024 |

Responsibilities:

- Conducted routine inspections and preventive maintenance on electrical equipment to ensure optimal performance and functionality.
- Collaborated with cross-functional teams to troubleshoot and resolve electrical issues promptly, minimizing disruptions.
- Developed and implemented a structured preventive maintenance schedule, improving system reliability, reducing downtime, and ensuring consistent operational performance.
- Provided technical training to junior team members, fostering skill development, improving efficiency, and strengthening the maintenance department's capabilities.

ACADEMIC QUALIFICATION

- **B.S.C in EEE** | American International University – Bangladesh (AIUB) | CGPA 3.74 2021
- **H.S.C in Science** | Narsingdi Model College | GPA 4.83 2015
- **S.S.C in Science** | Pubali Jute Mills High School | GPA 4.81 2013

TRAINING

- **Professional Automation Training,** Ulterior Engineering, 4 months (2022), ***Achievement:*** Gained expertise in PLC programming and industrial automation processes.
- **AutoCAD 2D,** Consultant.BD, 3 months (2021), ***Achievement****:* Designed and interpreted technical drawings for electrical systems.

ADITIONAL INFORMATION

- **Personal Information:** Age 27, Permanent Address: Village-Gangerkut, Post office-Bangra, District: Cumilla. Nationality: Bangladeshi, Religion: Islam, NID: 2862505209
- **Software Skill:** Proficient in **AutoCAD**, **MS Word**, **Excel**, and **PowerPoint**, utilizing these tools for efficient design, documentation, and presentations.
- **Extra-Curricular Activities:** Served as a **General Member** of IEEE AIUB Student Branch from 2017 to 2018, contributing actively.
- **Languages:** Fluent in both Bangla and English, enabling smooth communication, writing, and understanding in diverse environments.
- **Hobbies:** Enjoy playing cricket and traveling, seeking adventure, fitness, and exploring new places and cultures.

REFERENCE

Mr. Al-Amin-Maintenance Engineer, City Group.
Phone: +8801914446609, Email: alaminbubteee11@gmail.com