

SAMUEL ADEBAYO

LEAN MANUFACTURING ENGINEER

CONTACT

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🏠 Greensboro, NC

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SKILLS

- Lean Manufacturing
- Value Stream Mapping
- 5S
- Process Optimization
- Kaizen
- SMED
- Standard Work
- Root Cause Analysis
- Leading Cross-Functional Teams
- Analytical Skills

EDUCATION

Bachelor of Science

05/2021

North Carolina A&T State University

Greensboro, NC

Industrial and Systems Engineering

CERTIFICATES

Certified Six Sigma Green Belt (CSSGB)

09/2022

ASQ

SUMMARY

Lean manufacturing engineer with 5 years in HVAC and electrical equipment plants. Leads value stream mapping, 5S and Kaizen work, and handles process optimization on assembly lines running 3 shifts. Holds a Six Sigma Green Belt and is comfortable leading cross-functional teams from production, quality and maintenance with sharp analytical skills.

EXPERIENCE

Lean Manufacturing Engineer

04/2023 - Present

Piedmont Air Systems

Greensboro, NC

Commercial HVAC manufacturer with 1,100 employees.

- Led value stream mapping for 4 product families, cutting lead time from 15 days to **8**.
- Facilitate 10 Kaizen events a year with cross-functional teams from production, quality and maintenance.
- Drive process optimization on the coil line, raising output by 17% without new equipment.
- Run SMED studies on 6 brazing and press cells, cutting changeovers by 45%.

Manufacturing Engineer

06/2021 - 03/2023

Gate City Electrical Products

Burlington, NC

Switchgear manufacturer with 500 employees.

- Rolled out 5S in 4 assembly areas, lifting audit scores from 48% to **86%**.
- Documented standard work for 35 stations and trained 70 assemblers on it.
- Led root cause analysis on 18 field failures and closed corrective actions with suppliers.
- Rebalanced the panel line to a new takt, cutting overtime by 25%.

Engineering Co-op

01/2020 - 08/2020

Triad Furniture Components

High Point, NC

Co-op term at a 350-employee furniture parts plant.

- Timed 30 sanding and finishing steps and proposed layout changes saving **1** operator per shift.
- Drew 12 cell layouts in AutoCAD for the plant engineer.
- Tracked scrap by cause for 4 months and cut finishing rework by 12%.