

# Millicent Carrasquilla

Industrial Electrician

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## EDUCATION

### Diploma in Industrial Electrical Technology at Hinds Community College, Raymond, MS

Sep 2015 - May 2019

Relevant Coursework: Electrical Systems and Controls, Industrial Wiring and Motor Controls, Programmable Logic Controllers, Power Distribution, Industrial Electronics, Instrumentation and Process Control, and Preventive Maintenance.

## LINKS

[linkedin.com/in/millicentcarrasquilla](https://www.linkedin.com/in/millicentcarrasquilla)

## SKILLS

PLC programming

Motor control

Variable Frequency Drives (VFD)

SCADA systems

Instrumentation calibration

Electrical blueprint reading

Conduit bending

## LANGUAGES

English

Portuguese

## HOBBIES

## PROFILE

Results-driven Industrial Electrician with 4 years of experience in performing complex electrical installations, maintenance, and repairs in fast-paced industrial settings. Proficient in troubleshooting and programming PLC systems and adhering to safety and quality standards. Demonstrated ability to work effectively in a team and independently, with strong communication and problem-solving skills. Committed to continuous improvement and staying updated on the latest industry advancements.

## EMPLOYMENT HISTORY

### ● Industrial Electrician at Koehler Electric, MS

May 2023 - Present

- Successfully installed and commissioned a new automated production line at a major manufacturing facility, increasing production capacity by 25% and reducing downtime by 15%.
- Streamlined electrical maintenance processes at a large industrial plant, resulting in a 20% reduction in equipment breakdowns and a 10% improvement in overall efficiency.
- Led a team of electricians in the successful completion of a complex rewiring project for a 50,000 sq. ft. factory, finishing ahead of schedule and under budget, saving the company \$100,000.
- Implemented an innovative energy management system at a manufacturing facility, resulting in a 30% reduction in energy consumption and an annual cost savings of \$250,000.

### ● Industrial Electrician Apprentice at Advanced Electric, MS

Jul 2019 - Apr 2023

- Successfully installed a complex electrical system for a manufacturing plant, increasing production efficiency by 20% and reducing downtime by 15%.
- Completed a comprehensive electrical maintenance project on time and within budget, resulting in a 10% reduction in energy costs for the facility.
- Assisted in the retrofitting of an outdated control system with a new PLC-based system, improving system reliability and reducing troubleshooting time by 30%.
- Contributed to a team that successfully completed the wiring and installation of a large-scale solar power system, generating 1.5 MW of clean energy for the company.

## CERTIFICATES

### Industrial Electrician Certification (IEC)

Feb 2022

### National Center for Construction Education and Research (NCCER) Electrical Level 1-4 Certifications

Nov 2020

## MEMBERSHIPS