

Douglas M. Segovia

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PROFESSIONAL SUMMARY

Bilingual Industrial Engineer, Electrical Foreman, Electrical Supervisor, and Operations Manager with over 20 years of combined experience in industrial construction, high-voltage electrical systems, workforce leadership, and field operations management.

Extensive experience leading electrical and mechanical crews across major industrial projects in Georgia, including Hyundai Metaplant, LG Battery Plant, Georgia Power contractor environments, commercial banking infrastructure, hospitals, retail facilities, and datacenter installations.

Known for hands-on leadership, workforce training, OSHA compliance, NEC-based electrical supervision, and real-time problem solving under high-pressure industrial conditions.

Experienced in mentoring electricians, developing field training procedures, teaching electrical fundamentals onsite, and creating digital systems and online educational content related to electrical operations, workforce management, and industrial safety.

Strong combination of industrial field expertise, leadership, staffing operations, and technology development.

CORE COMPETENCIES

Electrical & Industrial Operations

- High Voltage Installations
- Commercial Electrical Systems
- Industrial Electrical Infrastructure
- Datacenter Cabling & Tray Layout
- Electrical Panel Installation
- Main & Sub Panel Wiring
- Conduit Bending & Routing
- NEC Compliance
- Electrical Troubleshooting
- Industrial Maintenance
- Blueprint Reading

- Chiller & Mechanical Coordination

Leadership & Workforce Development

- Electrical Crew Supervision
- Workforce Training & Mentorship
- OSHA Safety Leadership
- Field Operations Management
- New Employee Training
- Employee Relations
- Team Coordination
- Multicultural Team Leadership
- Staffing Operations
- Safety Orientation Programs
- Electrical Skills Development

Technology & Systems

- PHP Development
- MySQL Database Systems
- Workforce Management Platforms
- Operational Automation
- AI-Based Solutions
- Web & Mobile Systems
- Digital Training Systems
- Personnel Tracking Systems

PROFESSIONAL EXPERIENCE

CEO / Co-Founder

Douglas & Morgan LLC — Georgia

2023 – Present

Owner, Operations Manager & Electrical Workforce Supervisor

- Founded and managed a skilled trades staffing and electrical contracting company specializing in industrial, commercial, and residential projects.
- Recruited, supervised, and trained electricians, welders, mechanics, technicians, and general labor crews across multiple industrial sites in Georgia.
- Developed internal operational systems and workforce management platforms using PHP, MySQL, and Python.
- Created electrical workforce training procedures and onboarding systems focused on OSHA compliance, safety awareness, and field efficiency.
- Mentored and trained new electricians and helpers in:
 - conduit installation,

- electrical troubleshooting,
- NEC safety practices,
- panel installations,
- blueprint interpretation,
- industrial field operations.
- Designed and developed online educational content and digital systems related to electrical operations, industrial safety, and workforce coordination.
- Managed commercial and residential electrical projects independently from planning to execution.
- Coordinated logistics, staffing, scheduling, safety procedures, and contractor communications.

Major Projects Included:

- Skechers Warehouse / Chatham Plaza – Savannah, GA
- St. Joseph's/Candler Hospital Expansion Projects
- Multiple residential electrical installations and troubleshooting projects throughout Georgia

Electrical & Instrumentation Supervisor

Chase – Charleston, South Carolina

May 2025 – Nov 2025

- Directed electrical infrastructure installation for a new commercial bank branch construction project.
- Supervised and trained a 5-electrician crew in:
 - blueprint reading,
 - conductor positioning,
 - breaker installation,
 - switch systems,
 - NEC compliance.
- Installed and configured main electrical panels and subpanels.
- Oversaw complete conduit routing, wire pulling, and structural electrical systems.
- Managed task delegation, workflow optimization, and daily field coordination.
- Maintained zero-incident safety performance.

Foreman – Electrical & Mechanical Projects

TOZEE

Savannah & Kingston, Georgia

Dec 2024 – Apr 2025

- Supervised high-voltage installations and industrial electrical operations on major battery plant projects.
- Led an 18-worker electrical and mechanical crew during datacenter installation and final execution phases.
- Directed tray installation, cable routing, and rooftop chiller deployment operations with helicopter coordination teams.
- Coordinated with multiple contractors while ensuring OSHA compliance and field safety.
- Conducted onsite workforce guidance, crew coordination, and technical supervision.

Foreman – High Voltage Projects

ChangWon

Kingston, Georgia

Feb 2024 – Nov 2024

- Led high-voltage electrical operations inside Hyundai-related industrial construction projects.
- Trained new personnel in electrical safety, field operations, and industrial procedures.
- Recruited and supervised electricians and mechanical personnel from multiple subcontractor teams.
- Coordinated workforce operations and safety procedures in high-risk industrial environments.
- Assisted with project execution, troubleshooting, and workflow management.

Night Shift Foreman

Hyundai Metaplant Project — Ellabell, Georgia

2023

- Supervised nighttime electrical and mechanical installation operations during Hyundai Metaplant construction.
- Coordinated crews, field execution, safety procedures, and contractor communication.
- Assisted with critical industrial installations under demanding deadlines and overnight operational schedules.

EDUCATION

Universidad Central de Venezuela

Industrial Engineering

Systems Engineering

CERTIFICATIONS

OSHA 30 Certified

- 175+ Approved Hours toward OSHA “Train the Trainer” Pathway

Heavy Equipment & Industrial Safety Certifications

- Boom Lift
- Forklift
- Scissor Lift
- Telehandler
- Bobcat Operations

Helicopter Ground Operations Safety Certification

- HTS Helicopters On-Site Safety Division

ADDITIONAL EXPERIENCE

- Workforce mentoring and electrical skills training
- Development of online electrical educational content
- Industrial safety instruction
- High-risk environment operations
- Datacenter infrastructure support
- Cross-cultural workforce leadership
- Real-time field problem solving
- Staffing operations and recruitment

LANGUAGES

- Spanish – Native
- English – Professional Working Proficiency

TECHNICAL SKILLS

- Electrical Supervision
- Industrial Construction
- NEC Compliance
- OSHA Safety
- Workforce Training
- Project Coordination
- Blueprint Reading
- Industrial Troubleshooting
- PHP
- MySQL
- Python
- Operational Systems Development

PROFESSIONAL STRENGTHS

- Strong leadership under pressure
- Hands-on industrial field experience
- Ability to train and develop crews
- Excellent communication with multicultural teams
- Combination of technical and operational expertise
- Strong safety and compliance mindset
- Technology-oriented industrial leadership