




COLLIN DEE CORTEZ


PROFESSIONAL EXPERIENCE

Contact

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Career Profile

Accomplished Project Manager/Engineer and Electrical Technician with 13+ years of experience in leading high-performance teams & successfully increasing efficiency and productivity whilst reducing costs and inefficiencies. Ability to keep a level head, nurture and grow a business, evaluate opportunities & risks, and deliver innovative new solutions to challenges. Creative professional with expertise in all aspects of the plan and implements a wide variety of project management strategies with experience in identifying, analyzing, and exploiting marketing opportunities within a variety of organizational structures and corporate development stages. Proven track record of managing operational excellence projects and lean six sigma activities, manufacturing, and warehousing operation, team management and complex Electrical Projects in a matrix environment.

Core Proficiencies

Team Building | Problem Resolution | Lean KPI Metrics | Technical Management | PLC Programming | Communication Skills | Electronics | Project Management | Stakeholders & Team Management | Management Skills | Automation Integration | Customer Service | Data Analytics | Investigation and Planning | Lean Methodologies | Quality Standards | Training and Mentoring | Warehousing | Operation Excellency | Troubleshooting

Certifications

- Lean Six Sigma Green Belt Certified
- AutoCAD Certified Draftsman
- Lean Manufacturing Certified
- U.S. Navy Electronics Technician School
- NFPA 70E Certification

SR. AUTOMATION/MANUFACTURING ENGINEER

2023 – Present

Halliburton; Lafayette Manufacturing Center, Lafayette, LA

- Develops and implements process improvement initiatives: Responsible for identifying opportunities for continuous improvement in existing processes and creating plans to implement changes that will increase efficiency, reduce waste, & increase safety.
- Leads cross-functional teams, works collaboratively with teams from different departments and functions to implement process improvements. Including coordinating meetings, delegating tasks, and communicating progress to stakeholders.
- Responsible for bringing in new technology & processes to our facility; leveraging Ergonomic & Safety solutions, Advanced AI systems, Computer Vision, Machine Monitoring, PLC & SCADA integration, Additive Manufacturing, and Machine Learning to accomplish our goals.
- Part of a global team responsible for over 700 projects totaling annualized benefits of over \$4.5M dollars in FY2023 and \$1.5M at our facility alone.

CONTROL SYSTEMS ENGINEER

2022 – 2023

QDS Inc., Baton Rouge, LA

- Modify and maintain automation systems. Test, troubleshoot and provide solutions to technical problems. Write computer software and programs as necessary.
- Contributes to project installation, commissioning, project closure and inspections/reporting.
- Integrate new or current automated systems with advanced networking infrastructure
- Responsible for all aspects of the integrity of project control, costing and reporting, ensuring data visibility for the business
- Analyze collected data to drive continual improvement in our KPI's and contract compliance.
- Utilize planning and scheduling tools to drive productivity improvements.
- Design and implement automated systems for use in diverse manufacturing and production environments
- Familiar with Allen Bradley suite of programs among other popular PLC and HMI manufacturers. FactoryTalk, FTView, RSLinx, RSLogix5, RSLogix500, RsLogix 5000, Studio 5000, Connected Components Workbench, Productivity Suite.

DRAFTSMAN/I&E TECHNICIAN

2017 – 2022

Energy Solutions Technology, Carencro, LA

- Executing projects on time and facilitate process improvement initiatives by fostering a strong working relationship with Electrical engineers/designers.
- Coaching strategic projects focusing on tools that promote high-quality analytics, clear communications. Played key role in company-wide ERP replacement project.
- Facilitating key strategic and cross-functional projects; identify needed resources, alignment, milestones, deliverables, project prioritization, and tracking.
- Developing detailed design drawings and specifications for PLC panels, electrical components, power systems, and other electrical projects using computer-aided drafting (CAD) equipment.
- Diagnoses & fixes problems with Variable Frequency Drives, AC/DC motors, and PLC components
- Maintaining, Commissioning, and installing new construction on PLC, Solar, Mechanical, Pneumatic and Electrical systems.

ELECTRONICS TECHNICIAN THIRD CLASS

2012 – 2018

U.S. Navy Norfolk, VA

- Maintained equipment and provided proper training on various RADAR and communication equipment.
- Exceeded expectations by completing dozens of maintenance items ahead of schedule and providing early maintenance availability and saved time.
- Managed and coordinated day-to-day maintenance and repair operations with different U.S. Naval vessels for over five years.
- Trained and mentored an entire command of 350 persons on safe aerial operating procedures.
- Achieved 100% crew certification, zero accidents, and zero lost working hours.
- Troubleshoot electronics equipment to component level using schematics and blueprints.
- Successfully handled multi-million dollars of electronic equipment and hazardous electrical radiation work in environments.
- Successfully managing and coordinating 20 co-workers to refurbish and revamp an integral gas turbine intake shaft training new technicians on electronic and mechanical systems.

EDUCATION

M.S. Engineering Management | Louisiana Tech University | GPA: 3.5 | 2023

B.S. Industrial Engineering | Minor Business Management | University of Louisiana at Lafayette | GPA: 3.4 | 2020

Alfred M. Barbe High School | Lake Charles, LA | 2006