**John (Eddie) Edward Markus Jr.**

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# Summary of Qualifications:

## Highly qualified and result-driven professional with well tuned problem solving, and communication skills. Well adapted to work in high stress scenarios, as a team member as well as working solo. Energetic, goal-orientated, eager to mentor, and train, as well as share knowledge with others. Impressive performance record and a well rounded background in optimizing, streamlining, and error-proofing automated equipment. Currently seeking a position which will utilize all skills and abilities, and areas of expert abilities as follows:

* A/C, and D/C control systems \* A/C Motor Control \* D/C Motor Control
* D/C Servo Control \* Analog Signal Devices \* PLC Programming
* Robot Interface / Control \* HMI Programming \* Error-Proofing / Poke-Yoke
* Control System Diagnostics \*Root Cause Analysis \* Power Management
* Multi-axis Control Systems \* Hydraulic Controls \* Servo Hydraulics
* Mechanical Transfer Systems \* Fluid/Pumping systems \* Pneumatic Systems
* Vision Systems \*IR/Laser Measuring Sensors \* Cooling Systems
* Elect/Gas Heat Systems \* Automated Conveyors \*Arc Welding Systems

\*Resistance Welding Systems \* Pressure/Strain Sensors \* Electro Static Painting

* WCM AM (Pillar Lead) \* WCM PM (Pillar Lead) \* Machine Ledger
* PM Calendar \* AM Calendar \* MRO Management
* Maintenance Theory \* Root Cause Analysis \* Predictive Maintenance

# Core Competencies:

## Responds eagerly to new challenges

* + Willing to mentor, and train co-workers.
  + Data driven, root cause elimination.
  + Eager to learn new technologies.
  + New equipment design, as well as older equipment upgrades to new technology.
  + Electrical, Pneumatic, and Hydraulic print reading expert, plus design (if needed).
  + PLC/HMI advance programming, and design (if needed).
  + Automation equipment optimization expert (cycle time reduction, Safety, and ergo optimization)
  + Advance Preventive/Predictive Maintenance experience (over 18 years).
  + Adaptive to task at hand; Able to prioritize, delegate as needed, and keep the focus on real issues.
  + Able to break down equipment process into smaller sub functions to allow faster analyzes of the failure.
  + Facility utility design and optimization experience (12 years).
  + Facility utility infrastructure, layout, PM, and expandability experience. (8 years)
  + Advance damage control coordination/repair experience (acts of God scenario!!)
  + Maintenance Supervision (4 yrs), Management (10 yrs), Project and task management (13 yrs).

**Professional Profile:**

**Facility Maintenance Manager**

**Magneti Marelli COFAP**

**July 2008-Nov 2018**

Maintain Maintenance Craftsman, and Facility equipment controls and programming.

* + - Support and train maintenance personnel in proper diagnostics, preventative maintenance of production equipment.
    - Support Process Engineering in projects requiring, new technologies, and/or programming support required for equipment.
    - Assist and train maintenance personnel, in the proper creation and use of Machine Ledgers.
    - Assist, train, and provide support to maintenance personnel on EWO evaluations, Root Cause analysis, and project development.
    - Maintain control of, and log any changes to any programs of any facility, or manufacturing equipment.
    - Provide MP-Info to EEM of changes in procedure, or obsolescent hardware, to be applied in all new equipment.
    - Support, train, and assist in the development of the PM program for maintenance craftsman.
    - Support, train, and assist in development of the AM program for machine operators.
    - Maintain Building, equipment, and Facilities services.
    - Manage Contracts on Building and grounds services

**Maintenance Supervisor**

**Magneti Marelli COFAP**

**2004- July 2008**

* + - Maintain and support the facilities electro static painting system.
    - Upgrade painting 2k mixing technology
    - Directed, supported and trained maintenance personnel in proper diagnostics, preventative maintenance of production equipment.
    - Monitored, and maintained the pre-treatment system for the paint line.
    - Developed Advanced Preventative/Predictive PM Program for Facility
    - Support and train maintenance personnel in proper diagnostics, preventative maintenance of production equipment.
    - Maintain control of, and log any changes to any programs of any facility, or manufacturing equipment.
    - Maintain Building, equipment, and Facilities services.
    - Manage Contracts on Building and grounds services

**Maintenance - Engineer – Arvin Ride Control 2002– 2004**

**Maintenance– Engineer Arvin Meritor 1994 – 1902**

**Gunners Mate Missal – US Navy (Protective Vet) 1989 – 1993**

# Education History

Numerous Training certificates acquired during provisional career from 1994-22018.

Graduate with honors US Navy “A”, ”Bee”, and “C” school for Missile Launcher systems (13 months) 990 Hours of Technical School – Electronics

High School Grad

Bachelor Degree in Electrical Engineering

# Technical Skills:

Proficient in Fluid/Gas pumping and transfer systems

Proficient in Electrical / Electronic trouble shooting and Diagnostics ( including all types of motion control devices)

Proficient in Electrical power distribution and switching systems

Proficient in Machine Ledgers, and PM Calendar

Proficient in Craftsman Training (Diagnostic principles, Preventative Maintenance, Root cause analysis, Predictive Maintenance)

Proficient in Mechanical Repairs, and preventive / predictive maintenance actives

Proficient in all Allen Bradley PLC, HMI, and Networking Programming Software

Proficient in ABB Robot script for automation

Proficient in Omron PLC Programming

Proficient in Cognix, and Keyance Vision system software

Proficient in ModBus systems and programming

Proficient in Microsoft Office (Word, Excel, Power Point, and MS Project)

Proficient in WCM Methodology (AM, PM) –AM Pillar lead 2 years, and PM Pillar Lead 3 years

WCM Energy Pillar Lead 1 year (Still learning the Pillar)

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