

Education

- **Tennessee College of Applied Technology**
Computer Information Technology | 2024 - 2025
 - **Arizona State University**
Bachelor of Science, Software Engineering | 2014 - 2020
 - **San Diego City College**
Refrigeration and Air Conditioning Systems | 2007
 - **Winfield City High School**
High School Diploma | 2003
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Professional Experience

Electronics Technician | Industrial Maintenance

FedEx | Memphis, TN | October 2023 - Present

- Troubleshoot and repair industrial electrical and electronic control systems to minimize downtime.
- Perform preventative maintenance on conveyors, automated sorting systems, and industrial PLCs.
- Calibrate and test components, ensuring optimal performance of plant automation systems.
- Work with scanning technologies, micro-computers, LANs, and CCTV systems to support logistics operations.
- Interpret and apply electrical schematics, blueprints, and technical diagrams for system modifications.

Maintenance Manager

MSS Steel Tubes | Memphis, TN | February 2023 - October 2023

- Managed industrial maintenance operations, including electrical, hydraulic, and pneumatic systems.
- Developed and executed preventive, predictive, and corrective maintenance programs to enhance equipment reliability.
- Implemented CMMS work order tracking for streamlined maintenance scheduling and reporting.
- Trained and mentored maintenance personnel in troubleshooting and repair techniques.

Maintenance Supervisor

Von Drehle | Memphis, TN | June 2022 - February 2023

- Supervised industrial maintenance projects, ensuring efficient repairs and minimal production downtime.
- Led engineering projects focused on improving electrical efficiency and compressed air systems.
- Developed maintenance team skill sets through hands-on training and continuous improvement initiatives.

Industrial Maintenance Technician

Kruger Tissue Group (KTG USA) | Memphis, TN | September 2012 - February 2022

- Diagnosed and repaired electrical and mechanical issues on automated production lines and converting equipment.
- Maintained industrial PLCs, VFDs, and motor control centers for optimized production efficiency.
- Fabricated and installed components to support equipment modifications and upgrades.
- Worked with high-speed packaging systems, including TMC bundlers, Edson case packers, and Fanuc palletizers.

Military Experience

United States Navy | Machinist's Mate | E-5 | 9 Years 2 Months Active Service

Engineering Lab Instructor

U.S. Naval Academy | Annapolis, MD | January 2010 - September 2012

- Trained sailors in industrial maintenance concepts, including pumps, valves, HVAC&R systems, and air compressors.
- Developed hands-on training programs covering mechanical and electrical troubleshooting techniques.
- Delivered instruction on thermodynamics, fluid dynamics, and preventive maintenance best practices.

USS Kitty Hawk & USS George Washington

Yokosuka, Japan | July 2003 - February 2010

- Operated and maintained critical mechanical and electrical systems aboard naval vessels.

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- Led troubleshooting and repair efforts for high-pressure steam systems, pumps, and motor controls.
- Provided technical mentorship and training for junior sailors in industrial maintenance and repair procedures.

Certifications

- **CompTIA Security+ (SY0-601)**
- **CompTIA Network+ (N10-009)**
- **CompTIA A+ (Core 1 & Core 2)**
- **Department of Labor Apprenticeship Certification** – Refrigeration Mechanic (Any Industry), 2012
- **Universal EPA CFC/HCFC Refrigerant Processing Certificate**, 2007
- **Mobile Air Conditioning Society Worldwide** – CFC-12 Refrigerant Recycling & Service Procedures, 2007