

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

FedEx | Memphis, TN | October 2023 - Present

- Lead maintenance and reliability initiatives for plant electrical and control systems.
- Develop and implement predictive maintenance strategies to reduce downtime and improve efficiency.
- Analyze failure data and root cause analysis to optimize equipment performance.
- Oversee maintenance teams and ensure compliance with safety and regulatory standards.
- Utilize CMMS systems for tracking work orders, maintenance schedules, and inventory management.

Maintenance Manager

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

- Managed overall maintenance operations, including preventive, predictive, and corrective maintenance programs.
- Developed and implemented asset management strategies to extend equipment lifespan and minimize unplanned downtime.
- Led reliability initiatives, optimizing maintenance work processes and improving plant efficiency.
- Supervised maintenance personnel, fostering skill development and operational excellence.

Maintenance Supervisor

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

- Supervised maintenance activities, ensuring timely execution of repairs and preventive maintenance.
- Led reliability projects, including air compressor efficiency improvements and failure mode analysis.
- Implemented maintenance best practices to improve uptime and reduce maintenance costs.
- Trained and mentored maintenance teams to enhance troubleshooting and problem-solving capabilities.

Mechanical Technician

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

- Performed reliability-focused maintenance and troubleshooting on industrial equipment, manufacturing machines, and converting lines.
- Applied condition-based monitoring techniques to anticipate failures and reduce reactive maintenance.
- Led continuous improvement initiatives, optimizing equipment reliability and performance.
- Managed spare parts inventory and maintenance documentation to support long-term asset reliability.

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

- Developed and delivered technical training on mechanical systems, thermodynamics, and HVAC&R operations.
- Trained sailors in predictive and preventive maintenance strategies to enhance equipment longevity.
- Created hands-on learning modules focused on diagnostics, system efficiency, and troubleshooting techniques.

USS Kitty Hawk & USS George Washington

Yokosuka, Japan | July 2003 - February 2010

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- Led maintenance operations for critical shipboard systems, ensuring mission readiness.
 - Conducted root cause analysis and implemented corrective actions to improve reliability.
 - Trained junior sailors on industrial maintenance best practices and troubleshooting procedures.
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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