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PROFILE

Experienced and resourceful Automation/ Quality Assurance Technician with over fifteen years of experience providing quality service in the field of automation/Quality Assurance and General Maintenance. Skilled in the areas of diagnosis and repair and preventative maintenance.

Desiring a position where my skills in maintaining equipment such as industrial instrumentation, controls, automation, commercial/residential maintenance and DATACOM will be implemented.

EMPLOYMENT HISTORY

HVAC / Controls Service Technician

2024 - PRESENT | TOTAL COMFORT SOLUTIONS - AUGUSTA, GA

 Serviced and maintained industrial and commercial HVAC systems, to include chillers and chilled water systems, high temp water systems, large rooftop package units and a variety of building automation systems.

Automation / Quality Assurance Technician (Construction) 2020 - 2024 | DORSETT CONTROLS - AUGUSTA, GA

- Conduct thorough inspections of construction sites and equipment to fulfill quality assurance requirements, identifying and addressing deviations from Corp of Engineering standards to uphold quality and reliability. Maintain and ensure the integrity of a large-scale building automation system by using data mining
- techniques focused on supporting HVAC equipment and optimizing energy consumption. Comply with company and OSHA 10 safety guidelines for work site operations to minimize worker risk.
- Perform line-by-line inspection of Master Material List to verify accurate shipment and receipt of parts
- and material by subcontractors, adhering to stringent quality assurance standards. Perform point-to-point verification testing on new build and renovated buildings throughout Ft.
- Eisenhower. Troubleshoot and repair analog point types such as RTDs, current loops, and voltage loops.
- Develop and implement detailed point verification tests (PVTs) procedures for final stage
- commissioning, guaranteeing the quality and functionality of installed systems before project completion.
- Review designs, equipment submittals, and operation and maintenance manuals for commissioning plans.

Maintenance / Service Technician 2017 - 2020 | COMFORT SYSTEMS USA - AUGUSTA, GA

• Serviced and maintained industrial and commercial HVAC systems, to include chillers and chilled water systems, high temp water systems, large rooftop package units and a variety of building automation systems.

Maintenance Technician

2016 - 2017 | INTERMARK MANAGEMENT CORPORATION - AUGUSTA, GA

- Provided maintenance for several apartment communities in the Augusta area. Diagnosed and resolved complex technical issues to ensure customer satisfaction.

Maintenance Technician

2015 - 2016 | DUGGAN'S HEATING AND AIR - AUGUSTA, GA

- Serviced and repaired residential HVAC units. Diagnosed and resolved complex technical issues to ensure customer satisfaction.

Service Technician

2015 | DOC SAVAGE HEATING AND AIR - AUGUSTA, GA

- Serviced and repaired residential HVAC units. Diagnosed and resolved complex technical issues to ensure customer satisfaction.

2014 - 2015 | BARTS ELECTRIC - AUGUSTA, GA

Journeyman Datacom Installer

Performed telecommunications installations based on contract scope. Installed Communications and

- CATV cabling (UTP CAT5e, CAT6, Coaxial and optical fiber). Installed, terminated and labeled CATV connectors, Ethernet jacks and patch panels. Tested work with cable analyzer and repaired Ethernet jacks and patch panels when needed.

Controls Technician 2009 - 2014 | DORSETT TECHNOLOGIES - AUGUSTA, GA

efficient manner.

Maintain a large-scale building automation system designed to control HVAC equipment and manage

- energy consumption on Ft. Gordon. Perform repairs to field hardware, DDC cards, sensors, cabling, power supplies, etc. required for the Utilities Monitoring Control Systems (UMCS) to control the local HVAC equipment in an energy-
- Troubleshoot and repair analog point types such as RTDs, current loops, and voltage loops. Troubleshoot and repair binary (digital) point types such as contact closures and relay outputs. Troubleshoot and repair copper, fiber, wireless, and Ethernet used by the UMCS to communicate with field hardware.

Perform the fieldwork for the point-to-point checkout of the UMCS installations in the individual

buildings on base, as well as analyze the operation of the HVAC systems that are controlled/monitored by the UMCS using the real-time information provided on the UMCS graphical displays.

Service Technician

Serviced and repaired residential HVAC units.

2009 | SOUTHERN MECHANICAL - AUGUSTA, GA

- Nuclear, Biological, & Chemical Specialist **2003 - 2006 | UNITED STATES ARMY**

Diagnosed and resolved complex technical issues to ensure customer satisfaction.

Advised the commander on NBC procedures and training. • Provided training advice and supervision for soldiers regarding the proper use and maintenance

procedures for NBC equipment and NBC operations.

- Trained over 500 soldiers in nuclear, biological, and chemical weapon defense with a 95% success rate. Provided assistance in preparing and maintaining disaster operations plans for FEMA while deployed
- for Hurricane Katrina. Operated, maintained, and supervised the use of nuclear, biological, and chemical detection and decontamination equipment.
- Fitted soldiers for their protective equipment and maintained 100% accountability for everything signed out to them.

Responsible for over \$500,000 worth of NBC equipment, as well as managed all logistics pertaining to

NBC and prepared monthly inventory reports for the battalion.

Augusta Tech **DIPLOMA ACHIEVED:**

Air Conditioning Technology

CERTIFICATES ACHIEVED:

- PLC II: introduction to programmable logic controllers PLC I: PLC Control Fundamentals
- R-410A Technician Preventive Maintenance Technician EPA Sec. 608 (Universal)
- HILTI Firestop Systems

United States Army

DIPLOMA ACHIEVED:

NBC Defense Officer/NCO Course

- U.S. Army Chemical School
- **CERTIFICATES ACHIEVED:**
- Toxic Agent Training

Additional Achievements

CERTIFICATES ACHIEVED:

- First Aid/CPR/AED
- OSHA 10 hour construction safety and health Sunbelt Lift Training

REFERENCES

References available upon request

SKILL SET

Nuclear, Biological, & Chemical Weapons Procedures & Safety

Decontamination

Management

Hazardous Materials

Process Control

Preventive Maintenance

Materials Management

Direct Digital Controls (DDC)

Design Specifications

Installation

Ethernet

Telecommunications

Building Automation

Troubleshooting (Problem Solving)

Communications

Instrumentation

Voltage

Residential

Commercial/Industrial/

HVAC

Operations

Quality Assurance

Control Systems

Automation

Programmable Logic Controllers

Industrial Instrumentation

Voltage Loops

Mechanical Control and Electrical

Operation Systems

Acquisition (SCADA)

Modification of Point and Process Control Objects in a

Supervisory Control and Data

Database Graphical Displays

Computer Networking

Motor Control Devices

Troubleshooting and Repair of Single-Phase and Poly-Phase

Database

RTDs **Current Loops**

Troubleshooting and Repair of

Binary (Digital) Point Types

Wiring Diagrams

Schematic Diagrams

Pictorial Diagrams

MS Office

Brazing

Soft Soldering Ethics

(CPR) First Aid

Cardiopulmonary Resuscitation