ROBERT SMITH

HVAC Engineer

info@qwikresume.com | https://Qwikresume.com

Startup tec on all air handlers chillers split systems making sure they are charged to spec Verafing chill water pipes and hot water pipes are in the correct location as well pumps.

JULY 1986 – FEBRUARY 1992
HVAC ENGINEER - ABC CORPORATION

- Responsible for a 450-unit condo complex as well as a central plant for heat and hot water.
- Performed preventative maintenance such as greasing motors, replacing belts, changing filters, and cleaning coils.
- Diagnose equipment failures with residential AC units, fire tube boilers, hot water pumps, high and low voltage circuits, heat coils, and fan motors.
- Responsible for programming, diagnostics, repairing, installation, and integration of computerized network energy management system, as well as daily reports and configuration changes.
- Used schematics and multi-meter to trace voltage problems.
- Used a wide variety of tools for repairing and replacing compressors, motors, relays, transformers, contactors, evaporator coils, and heat coils.
- Also responsible for ordering a complete inventory of stock parts and fuel oil for boilers.

1983 – 1986
HVAC ENGINEER - DELTA CORPORATION

- Often help my family with their HVAC business, be it heavy lifting, charging refrigerant, or even simply driving around.
- Was able to pick up knowledge of the trade while on the field and even got the Type 1 certification.
- There is a heavy emphasis on enviromental protection; I was quite impressed with how proper practices can lead to a much cleaner enviroment.
- Use UniGraphics design and prototype Air-Conditioning system Test and Optimize the noise of Air-Conditioning systems.
- January 2001- October 2004) Alatiff Company for general air conditioning construction, installation of large tonnage Air-conditioning units such as .
- Position HVAC Engineer Duties Designing layouts for ducting & piping systems for water chillers & central units.
- Estimation of thermal loads by using carrier software for design and using heat load calculation.

EDUCATION

Diploma - (Wheaton High School - Wheaton, MD)

SKILLS

AutoCAD Mechanical Desktop Six sigma and Statistical.