

# Giavanni Vigliotti

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Tampa, FL 33612 | +1 305 240 7547 | giavanni6@gmail.com Willing to Relocate to Montgomery, AL Area | Authorized to work in the US

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## Professional Summary

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Results-driven Critical Facility Engineer and Commercial HVAC/R Technician with over eight years of hands-on expertise in the operations, maintenance, troubleshooting, and repair of mechanical, electrical, and control systems within mission-critical infrastructure. Proven track record of ensuring 100% uptime, efficiency, and safety in high-stakes environments, including dialysis centers and healthcare facilities. Specialized in large-scale HVAC systems, chillers, Variable Refrigerant Flow (VRF), Direct Expansion (DX) cooling, and Building Management Systems (BMS). Adept at executing procedure-based work (MOPs/SOPs/EOPs), interpreting blueprints, and managing vendor relationships. Seeking to leverage extensive critical environment experience to optimize data center facility operations and infrastructure reliability in the Montgomery, AL region.

# Core Competencies & Technical Skills

Critical Environment Operations	Mechanical & HVAC Systems	Electrical & Controls
24x7 Uptime & Reliability	Chillers & Water Distribution	Electrical Troubleshooting
Root-Cause Analysis (RCA)	Computer Room Air Conditioning (CRAC)	Building Automation (BACnet, BMS)
Procedure-Based Work (MOP/SOP/EOP)	Variable Refrigerant Flow (VRF) & DX	Low-Voltage Diagnostics
Vendor & Subcontractor Management	Dedicated Outdoor Air Systems (DOAS)	Variable Frequency Drives (VFDs)
QA/QC Oversight & Inspections	Variable Air Volume (VAV) Systems	Fire & Life Safety Integrations
ASHRAE Standards Compliance	Psychrometrics & Refrigeration Cycles	Remote Monitoring & Control Rooms

# Professional Experience

**Advance Industrial Mechanical** | Tampa, FL *Service Technician Level 3* | November 2023 – Present

- Execute hands-on operations and maintenance of industrial and commercial HVAC/R systems within critical infrastructure, specifically dialysis centers, ensuring zero disruption to life-sustaining business operations.
- Troubleshoot, repair, and optimize large-scale chillers (including water distribution and treatment), VRF and DX cooling systems, DOAS, and commercial refrigeration equipment.
- Service Liebert and other CRAC units integrated with dry coolers and glycol loop systems, maintaining precise temperature and humidity control critical to facility operations.
- Conduct mechanical and electrical service tasks, including the maintenance of pumps, VFDs, and electrical distribution systems, strictly adhering to site safety protocols and operational procedures.

- Utilize BACnet and BMS protocols for the installation, troubleshooting, and optimization of low-voltage control systems, enabling effective remote monitoring in control room environments.
- Interpret blueprints, CAD drawings, mechanical plans, and equipment shop drawings to provide QA/QC oversight for retrofits and complete work orders accurately within enterprise asset management systems.
- Collaborate cross-functionally on fire/life safety systems and electrical generation integrations, while also managing vendors and subcontractors during equipment maintenance, ordering parts, and escorting personnel on-site.
- Respond rapidly to facility emergencies using established emergency operating procedures, regularly inspecting equipment and grounds for abnormal conditions across shift schedules.

**Kovnick Investments** | Tampa, FL *HVAC Service Technician and Installer* | January 2017 – November 2023

- Specialized in light commercial HVAC systems, including Rooftop Units (RTUs) ranging from 5 to 20 tons, performing installations, preventative maintenance, and complex repairs with a focus on DX cooling and refrigeration cycles.
- Demonstrated advanced electrical and low-voltage diagnostic capabilities, efficiently resolving mechanical and electrical faults to maintain safety and operational uptime in critical facility operations.
- Conducted comprehensive air balancing, VAV system repairs, and refrigeration equipment maintenance to optimize system performance and energy efficiency.
- Partnered with engineering teams to implement system upgrades, ensuring strict adherence to ASHRAE standards, procedure-based maintenance protocols, and life safety requirements.
- Managed vendor relationships for the procurement of parts and services, ensuring full compliance with fire protection, electrical distribution, and industrial water system standards.
- Participated in root-cause analysis for system failures, provided QA/QC for construction and retrofit projects, and meticulously documented all work within computerized maintenance management systems.

## Education

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**Viera High School** | Viera, FL *High School Diploma* | 2015

## Certifications & Licenses

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- **EPA 608 Universal Certification** (Active)
- **Daikin VRV Certification** (2024 – Present)
- **CaptiveAire Factory Certified Technician** (2024 – Present)
- **AAON Service Training** (2025 – Present)