

Gavin Medeiros

Professional Summary

Versatile and experienced Automation Technician with 15+ years in industrial and building automation. Proven ability to maintain, troubleshoot, and optimize control systems, including PLC programming, graphical interface development, and network infrastructure support. Red Seal Journeyman Electrician with expertise in electrical installation and integration of automation systems. Known for reliability, collaboration, and a continuous improvement mindset.

Skills

- Automation & Electrical Systems
- PLC Programming & Troubleshooting
- Building Automation Interfaces (Schneider EBO, Tridium)
- HTML, CSS, JavaScript
- Control Network Infrastructure
- Electrical Installations (EMT, wire pulling, panel work)
- SAP Maintenance Planning
- Safety Compliance & Collaboration

Professional Experience

Convergent Technologies – Fort Hills, AB

Automation Technician | December 2023 – Present

- Maintain and troubleshoot automation systems for critical infrastructure at Suncor Fort Hills.
- Support upgrades of process servers and network-connected devices.
- Assist with system documentation and interface updates using Schneider Electric EBO.
- Collaborate with multiple trades and disciplines to coordinate complex system work.
- Ensure work aligns with safety protocols and operational standards.

Fort McKay Alcor – Fort Hills, AB

Automation Technician | June 2017 – November 2022

- Diagnosed and repaired a wide range of HVAC and automation systems, including boilers, air handling units, and ventilation equipment.
- Developed, tested, and modified automation logic to improve reliability and optimize energy efficiency.
- Calibrated and maintained control devices and instrumentation to ensure accurate system performance.
- Coordinated maintenance planning and scheduling using SAP while maintaining up-to-date system documentation.

- Led safety meetings and proactively promoted a culture of safe, efficient work execution.

Convergent Technologies – Various Locations, AB

Automation Technician | March 2008 – May 2017

- Commissioned and programmed HVAC and building automation systems at industrial and commercial sites across Alberta.
- Installed and supported electrical infrastructure for automation systems, including EMT conduit installation, wire pulling, termination, and panel work.
- Designed and implemented custom graphical user interfaces for system monitoring and diagnostics.
- Collaborated with engineers and clients to support system design, testing, and post-install optimization.
- Maintained and repaired gas detection systems including Honeywell and Det-Tronics platforms.
- Provided mentorship and technical guidance to new team members; supported team-wide safety compliance.

Certifications

- Red Seal Journeyman Electrician, SAIT (2012)
- Schneider Electric – Workstation System & Design (2023)
- Honeywell – Care & LON Engineering (2018)
- Tridium – EC-Net4 (2017)
- Enerlon – SmartServer Applications (2015)
- Distech Controls – Distech Applications (2014)
- Alerton – HVAC Fundamentals (2014)

Education

- Ontario Secondary School Diploma, St. James High School (2004)

References available upon request.

Learn more at <https://gvnmtdrs.ca/pages/resume.html>