

Raymond Kessler

Senior Field Service Technician

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Summary

Senior field service technician with 9 years installing and repairing robotic welding and assembly cells for automotive suppliers in Michigan, Ohio and Ontario. Handles PLC programming, robot programming and troubleshooting of electrical systems and mechanical systems, and leads a crew of 4 technicians on installs and line-down calls.

Experience

Senior Field Service Technician 03/2021 - Present

Great Lakes Automation Systems Detroit, MI

Robotic integration company with 900 installed welding and assembly cells.

- Lead a crew of 4 technicians on 12 cell installs a year, from mechanical setup to production sign-off.
- Edit robot paths and PLC logic on site, cutting cycle times by up to 8% for 6 customers.
- Respond to line-down calls within 4 hours, getting production back in one visit on 95% of calls.
- Mentor 7 junior technicians and write the troubleshooting guides the service team uses in the field.

Field Service Technician 06/2017 - 02/2021

Motor City Weld Systems Warren, MI

Maker of resistance and robotic welding equipment for auto plants.

- Installed and repaired 150 weld controllers, servo guns and robots at automotive plants.
- Performed preventative maintenance on 60 contract cells, reducing customer downtime by 25%.
- Tracked service hours and parts in Excel and set up visits with plant managers through Outlook.
- Rebuilt servo weld guns and transformers in the shop between field trips, about 40 a year.

Education

Associate of Applied Science 05/2017

Macomb Community College Warren, MI

Robotics and Automation Technology

Skills

- Troubleshooting
- PLC Programming
- Robot Programming
- Electrical Systems
- Mechanical Systems
- Preventative Maintenance
- Hand and Power Tools
- Excel
- Outlook
- Customer Service

Certificates

FANUC Handling Tool Operation and Programming

10/2019

FANUC America Training

NFPA 70E Electrical Safety in the Workplace

01/2025

National Fire Protection Association