

Manufacturing Engineering

Experienced

# Controls Engineer

Full Time - Integrated Assemblies - Motherson Sequencing and Assembly Services (MSAS) - Sterling Heights, USA

At Motherson, we're committed to advancing your career and leveraging your talents globally. Featured on TIME's World's Best Companies list, we specialise in manufacturing, engineering, and assembly, delivering full system solutions across industries. With a focus on innovation, quality, and sustainability, we strive to be a globally preferred sustainable solutions provider while fostering a diverse, inclusive workplace.

Our Integrated Assemblies division leads in automotive innovation, specialising in premium module assembly and cockpit module integration. We collaborate with customers to deliver cutting-edge solutions supporting electrification. Join us to work with advanced technology and shape the future of automotive innovation.

## Что вы будете делать

- Develop/program/troubleshoot PLCs (Allen-Bradley, Siemens) maintain revisions/version control and system updates.
- Modify/optimize ladder logic, structured text, FBD; support commissioning, startup, validation.
- Diagnose controls downtime and maintain electrical/controls documentation.
- Program/teach/optimize Fanuc robots; improve paths/cycle time; integrate robots with PLCs, conveyors, tooling, vision; ensure safe operation.
- Integrate HMI, SCADA, sensors, safety circuits, industrial networks (EtherNet/IP, Profinet, DeviceNet).
- Support vision/poka-yoke, provide shift support, reduce downtime through preventive/predictive maintenance, improve OEE.
- Support launches/engineering changes, standardize controls architecture, identify automation upgrades/cost reductions, ensure OSHA/machine-safety compliance, support risk assessments and safety PLC/interlocks.

## Кого мы ищем

- Bachelor's degree in EE, ME, Automation, Mechatronics or comparable
- 5+ years' experience in automotive (parts) manufacturing environment
- Experience in JIT production environment preferred
- Must know RS Logix and Allen Bradley PLC
- Hands-on experience with industrial robots.
- Strong troubleshooting skills in manufacturing environments.
- Project management in new automation installs preferred
- Ability to read electrical schematics and control drawings.
- Fluent English

## Что мы предлагаем

- Comprehensive benefit package.
- We show our commitment to our people via the following values:

Interest for each other: We act with empathy and care about each other and our counterparts.

Togetherness: We work together collaboratively and selflessly.

Trust: We say what we mean, keep our promises, and treat others with respect.

Respect: We respect and value people of all backgrounds.