



Robot Programmer Job Description

Robotic Technical Support Services is located in Toledo, OH and engineers, installs, services and upgrades robotic and automated systems. We also provide supplemental contract services to companies in need of additional engineering or service technicians. RTSS is a family-owned company whose core values are being reliable, responsible and respectful. We value strong customer satisfaction and going above and beyond expectations. We are looking for a new team member who exemplifies these values and would like to develop his/her career in controls automation.

Job Summary:

Robot Programmers use technical expertise and knowledge of computer simulation technologies to configure Robot Controller Simulation (RCS) in the simulation software, develop complete robot programs with multiple robot brands, verify the feasibility of solutions and processes, find and solve issues before the manufacturing phase, validate the cycle time of each station/line, optimize robot programs and find solutions in case of cycle time issues, and support site team during commissioning phase.

From small-medium projects to the most complex projects, robot programming allows RTSS to save time and cut down on commissioning costs massively. Simulations done by the Robot Programmer allow to truly verify in details the feasibility of a solution without the necessity to manufacture anything and precisely evaluate the cycle time.

This career opportunity includes the following responsibilities:

- Programming, Commissioning, and Startup of various robotic integrated automation systems.
- Design, plan and create programs, in-house debug, and field start-up of robots which is part of an automated system.
- A typical system includes an *AB Logix PLC*, *FANUC* robot, and an HMI.
- Work as part of an overall design team to specify control requirements and sequence of operations.
- Strong communication skills: verbal, written, presentation, and inter-personal.
- We are undergoing moderate growth. Core work hours will be 45 hours per week, and 50-60 hours for projects during peak work load.
- The majority of the job will be performed at RTSS's location, with travel required for start-up and commissioning at customer facilities.

Minimum 3 Years' Experience in the Following:

- Working with Fanuc robots.
- PLC experience is a plus.
- Fundamental working knowledge of PLC logic and controls (RSLogix).
- Electrical Background (electrician or technician).



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- 3+ years of experience programming industrial robots in a variety of manufacturing applications.
- Experience working with Robot controller programming language (e.g. FANUC TP, MOTOMAN INFORM, ABB Rapid, Kuka KRL etc.).
- Proficiency with Microsoft office programs including spreadsheets, email, and documents.
- Experience working independently at customer facilities.
- Strong mechanical aptitude.
- Good verbal and written communication skills.
- Work well within a team environment.
- Be able to train customer's technicians on the operation of the robot programs.
- Possesses a High School Diploma.