

Contract Job Opening

Automation Test Technician



Conduct testing on software written for RSLogix5000, must have experience with Ladder, Structured Text, Function Block, and SFC programming. Execute previously written test scripts, and document results in database. Update and edit test logic (RSLogix5000 ladder and ST) to develop new tests as defined by test management. This position requires a person with an ability to work in a lab with minimal supervision and a high level of knowledge and experience with PLC and HMI programming (RSLogix5000, and FT View ME). The candidate will edit and maintain Human Machine Interface applications (experience with FTView Studio required). The candidate will must be able to maintain and update of documentation for the above systems (Test documents, Functional Specifications etc.) and management of logic controllers, software and backups. The candidate will support engineering projects, testing, validation, and commissioning activities.

SPECIFIC RESPONSIBILITIES:

- Amend current PLC and HMI software code programming to support testing of software and hardware components.
- Develop specific PLC code from supplied specification requirements.
- Provide support and knowledge to Company personnel on logic function, logic error trouble shooting, and methods to test applied corrections for the equipment based on amended software code.
- Assist in design changes to logic during device development so as to properly integrate software code and mechanical design.
- Conduct software code design checking as part of peer review quality test.
- Communicate findings verbally and in writing, and create mitigating actions to ensure reliability of equipment.
- Must be able to work both independently and as a team member
- Handle multiple tasks/assignments simultaneously, and work with minimal to no supervision.
- Complete actions assigned during Daily Accountability meeting.
- Conduct discrepancy investigations, communicate findings, and provide solutions to cross functional teams.

REQUIREMENTS:

- Knowledge and demonstrated previous use of Allen Bradley programmable logic controllers and I/O.
- Experience with management of logic controllers, software, backups.
- Excellent computer and software skills such as Word, Excel, Access, PowerPoint.
- System administration of the automation control system hardware, network and software
- Ability to analyze and correct deficiencies in the operation of PLC controlled equipment
- Strong problem solving and reasoning skills.
- Demonstrated ability to respond with troubleshooting methods under time and delivery pressure.
- Demonstrated ability to maintain control in stressful situations, and perform well under pressure.
- Strong interpersonal, written and oral communication skills.
- Experience with Agile Software development a plus.
- Minimum of 5 years experience years of software development programming and troubleshooting issues with PLC systems
- Certificate or proof of formal education in with Ladder Logic software programming required
- Associate degree with electrical or computer systems emphasis preferred

Contact Information

Agile Planet, Inc.
3925 West Braker Lane
ATI, 3rd Floor
Austin, TX 78759
www.agileplanet.com

About Agile Planet, Inc.

Agile Planet solves complex safety and controls problems for the medical, industrial and defense industries with its state-of-the art robotics and simulation software. RobotLogix®, Kinematix™, AgileMedix™ and other Agile Planet software give OEMs and institutions the tools they need to rapidly develop controllers, design packages, off-line planning and workflow optimization solutions. Agile Planet holds exclusive rights to its core technology which is based on over 15 years of research and development at The University of Texas at Austin. Developed with funding from the U.S. Department of Energy (DOE), NASA, DARPA and other agencies, this software has over 1000 users worldwide including the German Aerospace Center (DLR), MIT, the Indian Institute of Technology, Larsen and Toubro, Toshiba, Samsung, Kuka and ABB.

© Copyright 2007-2010 Agile Planet, Inc. and its licensors. RobotLogix®, Kinematix™, AgileMedix™ and the Agile Planet logo are trademarks of Agile Planet, Inc. All other trademarks are the property of their respective owners.