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Automation Engineer

RZ Automation Inc. is an automated system design and integration company that provides services to a variety of industries. RZ utilizes ever-evolving techniques and tools to provide robust cost-conscious systems capable of performing at a high degree of precision. Heavily focused on the integration of robot arms, from simple machine tending to complex vision inspection. RZ's exposure to a large market of manufacturing environments enables us to provide intelligent solutions to various challenges.

RZ Automation, Inc. is seeking experienced applicants for a full-time Automation Engineer position. Position activities will encompass the development of new automation programming, troubleshooting of existing systems, and service and support of electronic devices and control systems. The Automation Engineer will work closely with other departments to create cohesive designs and provide system knowledge as needed.

The ideal candidate is a self-starter, familiar with writing programs and working with controls and electrical systems, looking to develop alongside a fast-growing company where they can contribute their knowledge, skills, and creative philosophies. This person will be a key instrument in designing, testing, and troubleshooting of our automation solutions. Come prepared with expert knowledge and industry awareness to work alongside RZ's team, integrating systems for our customers and serving as a resource post-implementation.

Required Skills and Duties

- Develop from scratch programming applications for robot systems (primarily Fanuc) based on customer criteria, in order to achieve the project's functional requirements;
- Review and test system programming in order to determine compliance with functional requirements;
- Simulate applications for feasibility studies;
- Perform application and risk assessments in order to conform to compliance with applicable industry standards;
- Knowledge and experience working with PLCs, specifically Allen Bradley ControlLogix and CompactLogix PLCs;
- Knowledge of networking (Ethernet IP, DeviceNet, Profi Bus/Net);
- Program and troubleshoot robot code;
- Provide support to manufacturing and mechanical related engineering problems;
- Assemble all required documentation created in order to transfer essential knowledge to end user;
- Review and implement improvements or corrective measures as needed;
- Be able to manage time and appropriately prioritize tasks in order to meet deadlines;
- Be willing to assist other departments as needed to help the team accomplish goals;
- Available to work off-shift schedule, including nights and weekends on the rare occasion/as needed;
- Willing and able to travel up to 80% of the time

Qualifications

- Bachelor's degree in Engineering, Computer Science, or the equivalent preferred;
- Must have minimum of 2 years practical experience with Fanuc robot systems programming from scratch;
- Have an in-depth knowledge of various manufacturing methods and techniques;
- Effective technical communication skills, both written and verbal;

Email cover letter and resume to hr@rzautomation.com