



Job Description: Software Engineer for Pine Instrument Company

Overview: We are seeking an experienced .NET developer with strong skills in Avalonia UI framework to create intuitive and efficient interfaces for our industrial test machines with our dynamic team in Grove City, PA. This role requires a deep understanding of both .NET development and industrial automation systems.

Responsibilities:

- **Develop and Maintain machine interfaces:**
 - Design and implement user interfaces for industrial test machines using Avalonia UI framework.
- **Collaborate with Teams:**
 - Collaborate closely with hardware engineers and production teams to integrate software with physical test equipment.
- **Code Quality:**
 - Write clean, scalable, and efficient code. Conduct code reviews and ensure adherence to best practices.
- **Performance:**
 - Optimize interface performance for real-time data processing and visualization.
- **Troubleshooting:**
 - Troubleshoot and resolve issues related to software-hardware integration.
- **Documentation:**
 - Create and maintain technical documentation for new and existing software.
- **Continuous Improvement:**
 - Stay updated with the latest industry trends and technologies. Propose and implement improvements to enhance the interfaces.

Qualifications:

- Bachelor's degree in Computer Science, Information Technology, or a related field.
- Proven experience as a C# .NET Developer with a knowledge of cross-platform application development principles.
- Understanding of industrial automation systems and test equipment.
- Familiarity with real-time data processing and visualization techniques.
- Excellent analytical and problem-solving abilities, with a strategic mindset and ability to make data-driven decisions.
- Outstanding communication and interpersonal skills, with the ability to interface effectively with cross-functional teams, customers, and suppliers.
- Understand the value and need for servant-leadership style.



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Benefits:

- Competitive salary commensurate with experience.
- Comprehensive benefits package including health insurance, retirement plans, and elective insurances.
- PTO and UTO to include holidays.
- Monday through Friday schedule averaging 8 hours per-day.
- Flexible working hours.