TEST PRODUCTS, INC.
The Power of Connection

SOFTWARE ENGINEER

Job Title: Software Engineer
Department: Engineering
Reports To: System Software/Firmware Design Coordinator
FLSA Status: Exempt

SUMMARY

The Software Engineer at Test Products will work closely with engineering management and requires a comprehensive knowledge of job functions, proficiency in applying sound software engineering principals; a working knowledge of industry practices, standards, and equipment; ability to develop and implement all aspects of multiple assigned projects; use of independent judgment; good verbal and written communication skills; and the ability to work with minimal supervision.

POSITION TYPE/EXPECTED HOURS OF WORK

This is a full-time position. Standard days and hours of work are Monday through Friday, 7:00 a.m. to 3:30 p.m. However, the Software Engineer is expected to dedicate the time required to meet the company's strategic plan. Up to 90% of the time may be remote, with the balance in the office.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Develop new Electrical Test System Software and scripts
- Debug and resolve bugs in existing code
- Document software design and operation, including user manuals
- Technological skills required with knowledge of Microsoft products, including Excel and Word in a Windows environment.
- Organizational, detail, and follow-up skills.
- Excellent interpersonal and communication skills, and a strong team player.
- Experience with industrial electrical systems and software.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge,

skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Sharp performer and passionate for growth
- Accepting responsibilities and result-driven
- Capabilities to provide presentations and communicate clearly with clients.
- Excellent sense of software development and testing component knowledge
- Producing from conceptual design to system installation and validation
- Working with engineers, managers, users, and other team members to complete projects on time.

REQUIRED EDUCATION AND EXPERIENCE

- Bachelor's degree in Computer Science/Math/Engineering, or equivalent educational experience
- Minimum 2 years of experience in programming or computer science.
- Coding skills in the following languages/frameworks: C#, WPF, and Python
- Experience with Database systems, writing queries, and integrating them into custom applications.
- Experience with TCP/IP and PC Networking
- Experience with CAN and LIN serial communications protocols
- Ability to analyze, problem solve, multi-task, and work in a team environment and meet deadlines.

LANGUAGE SKILLS

Effective ability to communicate orally or in written form effectively with co-management, and employees as needed.

REASONING ABILITY

Demonstrate the ability to anticipate and solve technical problems and resolve issues. Good problem solving and troubleshooting skills are essential for this position.

PHYSICAL DEMANDS/ WORK ENVIRONMENT

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Individuals may need to sit or stand as needed. May require walking primarily on a level surface for periodic periods throughout the day.

The performance of this position may require exposure to the manufacturing areas where under certain areas require the use of personal protective equipment such as safety glasses with side shields and hearing protection. Primary environment: ambient room temperatures, lighting and traditional office equipment as found in a typical office environment.

_____   _____
Printed Name   Date

_____
Signature