

JOB TITLE: MES Application Developer - FactoryTalk Production Centre

DEPARTMENT: IT
REPORTS TO: IT Solutions Manager
FLSA: Exempt
JOB GRADE: 20
DATE: February 16, 2018

SUMMARY:

- The MES Application Developer is able to program (Pnuts), configure, and test applications based on Rockwell's Production Center Platform (FTPC). They will perform activities including design specifications, development, testing, implementation, and support. Able to provide guidance and recommendations for system design and to resolve technical issues.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Technical Developers also are responsible for guiding the overall design, developing standards and the day-to-day development of new code within their area of expertise. This includes, but is not limited to, working with the functional and processes, analyzing program requirements, development of requirements and the completion of test plans. Assist in debugging software and hardware problems, reporting and tracking feature defect.
- Develop test task lists and strategies to deliver products on schedule.
- Have the ability to define/adjust assignments and meet schedules in a dynamic environment
- Review user documentation to ensure that it accurately describes system functionality.
- Participation in requirements and design reviews of new functionality.
- Learns about Company's business as appropriate. Shows up to work on time and attends work as scheduled.
- All other duties as requested by supervisor or department head

QUALIFICATION REQUIREMENTS:

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.

- Strong programming, technical and communication skills (written and verbal)
- Expert knowledge of basic FTPC Development tools: Pnuts
- Strong Java, JavaScript, and HTML coding skills.
- Good understanding of the latest FTPC development practices
- Knowledge of J2EE Application Servers (I.e. JBoss) to perform installation, configuration and maintenance tasks.
- Manufacturing knowledge is a must
- Experience with SQL, and relational databases.
- Familiarity with a variety of the software life cycle concepts, practices, and procedures.
- Ability to design and execute unit testing of software.
- Ability to work in a team environment and independently and to meet defined schedules.

EDUCATION and/or EXPERIENCE:

- BSCS, BSEE or equivalent, Masters desired
- 2-10 years of software development experience.
- 2 or more years experience coding in Java using Visual Studio
- Experience with Object Oriented Design and common design patterns.
- Microsoft certifications are a plus

LANGUAGE SKILLS:

- Ability to read, write and speak English.
- Ability to compose reports and correspondence.
- Excellent written and verbal communication skills.
- Ability to use word processing, spreadsheets and electronic office tools.

MATHEMATICAL SKILLS:

- Knowledge of basis addition, subtraction, division and multiplication of numbers is required.
- College level engineering math skills for statistical analysis and modeling.

REASONING ABILITY:

Ability to define problems, collect data, establish facts and draw valid conclusions.

PHYSICAL DEMANDS:

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.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; to sit, stand, walk; and to talk and hear. Specific vision abilities required by this job include close vision and the ability to adjust focus.

Lifting Requirement: 50 pounds

Lifting Limitations: 50 pounds

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The noise level in the work environment is usually moderate.