

## MINIMUM QUALIFICATIONS

Applications Engineer  
Job Title

12B12  
Job Code

58  
Grade

### **REQUIRED:**

College level coursework or formal training in Computer Science, Information Systems, Business Administration, or a related field. Bachelor's degree preferred.

Experience in:

- designing, developing, implementing or supporting moderately complex information systems
- identifying, analyzing and resolving business problems
- building or supporting mainframe, distributed systems or Web based systems

Technical Skills:

- mainframe, distributed, and/or Web-based system design and development
- programming languages (e.g., COBOL II, JAVA)
- operating systems (e.g., MVS, Windows XP, UNIX)
- database management systems (e.g., IMS DB, DB2, Oracle, SQL Server)
- online communication (e.g., IMS DC, CICS)
- system development tools (Endevor, IMS Expert, Xpediter, SQA Team Test, Eclipse, JAVA)
- PC fundamental tools (MS Office)

Knowledge of:

- systems operation practices
- security and control procedures
- structured systems analysis, design, programming and testing
- iterative and rapid programming concepts
- 'use case' requirements analysis

Ability to monitor progress in using appropriate tools and techniques, record progress, adjust to possible project changes, and meet deadlines

Ability to

- writing procedures and technical materials

### **PREFERRED:**

Experience in:

- basic database skills
- JAVA-based web applications
- HTM/javascript/css

## WORK ENVIRONMENT

Works in a temperature controlled office environment.

THIS JOB REQUIRES THE ABILITY TO PERFORM DUTIES CONTAINED IN THE JOB DESCRIPTION FOR THIS POSITION, INCLUDING, BUT NOT LIMITED TO, THE ABOVE REQUIREMENTS. REASONABLE ACCOMMODATIONS WILL BE MADE FOR OTHERWISE QUALIFIED APPLICANTS AS NEEDED TO ENABLE THEM TO FULFILL THESE REQUIREMENTS.

BKM 08-30-94/09-26-97 R  
08-19-99 R/02-24-03 R  
01-01-09 R/11-11-11R (ADA)  
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DEPARTMENT APPROVAL

DATE

TITLE Applications Engineer

REPORTS TO Senior/Project Manager I/II

BASIC FUNCTION

Serves as a team member in planning, designing, developing, implementing, and/or supporting moderately complex new or revised processes or systems. Develops system specifications, prototypes, and all levels of documentation (e.g.; structure charts, screen designs, data flow diagrams, file layouts, report layouts, and job run descriptions) in accordance with IS standards. Responsible for the timely completion and quality of assigned deliverables and strives to achieve service level objectives. Acquires an understanding of user requirements and prepares activity and progress reports for project tasks. Develops estimates for project tasks and identifies potential impacts to project and recommends alternative solutions.

THE ABOVE STATEMENTS GENERALLY DESCRIBE THE PRINCIPAL AND ESSENTIAL FUNCTIONS OF THE JOB BUT SHOULD NOT BE CONSTRUED AS A DETAILED DESCRIPTION OF ALL ESSENTIAL FUNCTIONS THAT MAY BE INHERENT IN THE JOB. DUTIES AND RESPONSIBILITIES OF THIS POSITION WILL BE REVIEWED WITHIN A FIVE YEAR PERIOD.

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