CERTIFIED IT DEVELOPER (APPLICATIONS)

Duties and Responsibilities

This class of positions encompasses highly technical and supervisory responsibilities in applications development, including planning, designing, configuring, installing, testing, troubleshooting, integrating, performance monitoring, maintaining, enhancing, security management, and support of complex computer applications programs. Performs at varying levels of difficulty and with varying degrees of latitude for independent initiative and judgment. There are four Assignment Levels within this class of positions differing according to the complexity and sophistication of the application(s) and the amount of supervision required. The following are typical assignments within this class of positions. All personnel perform related work, including end user support and disaster recovery and, when necessary, perform the duties of related or lower titles and Assignment Levels.

Assignment Level I

Examples of Typical Assignments

Under supervision, with latitude for independent action and the exercise of independent judgment, is responsible for planning, designing, configuring, installing, testing, troubleshooting, integrating, performance monitoring, maintaining, enhancing, security management, and support of computer applications programs. May supervise a small unit engaged in the above duties; may serve as a project leader of projects involving computer applications programs, or may independently perform development, testing or maintenance work of a highly technical nature. In the temporary absence of the supervisor, may perform the duties of that position.

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CERTIFIED IT DEVELOPER (APPLICATIONS) (continued)

Assignment Level II

Examples of Typical Assignments

Under general supervision, with wide latitude for the exercise of independent initiative and judgment, supervises a unit engaged in planning, designing, configuring, installing, testing, troubleshooting, integrating, performance monitoring, maintaining, enhancing, security management, and support of computer applications programs; serves as a project leader for complex projects involving computer application programs. In the temporary absence of the supervisor, may perform the duties of that position.

Assignment Level III

Examples of Typical Assignments

Under general direction, with broad scope for the exercise of independent initiative and judgment, supervises more than one unit or projects involving planning, designing, configuring, installing, testing, troubleshooting, integrating, performance monitoring, maintaining, enhancing, security management, and support of complex computer applications programs; or supervises unit supervisors, project leaders and their subordinates, instructing, directing and checking their work. In the temporary absence of the supervisor, may perform the duties of that position.

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Assignment Level IV

Examples of Typical Assignments

Under managerial direction, with the broadest scope for the exercise of independent initiative and judgment, holds senior-level technical responsibility for an extremely complex or several large and complex computer applications programs. Routinely serves as in-house expert and authority regarding computer applications programs of extreme complexity and high specialization; or coordinates multiple projects of highly technical complexity. May supervise a unit or units engaged in complex work involving computer applications programming. In the temporary absence of the supervisor, may perform the duties of that position.

Qualification Requirements

Professional/vendor certification(s) in computer applications programming that is required for the position to be filled [see **APPENDIX** for list of acceptable certificates]. In addition, all candidates must have the following:

1.   A baccalaureate degree from an accredited college, and two years of satisfactory full-time (not classroom based) experience in computer applications development planning, design, configuration, installation, troubleshooting, integration, performance monitoring, maintenance, enhancement, and security management; or

2.   A four-year high school diploma or its educational equivalent and six years of satisfactory full-time (not classroom based) information technology experience of which at least 2 years must have been as described in "1" above; or

<u>CERTIFIED IT DEVELOPER (APPLICATIONS)</u> (continued)

<u>Qualification Requirements</u> (continued)

3.   A masters degree in computer science or a related field from an accredited college may substitute for one year of experience. However, all candidates must have at least one year of satisfactory full-time (not classroom based) information technology experience as described in "1" above.

<u>Note:</u>

In addition to meeting the minimum Qualification Requirements:

Incumbents may be required to update existing and/or obtain additional professional industry-standard certification(s) for current and future technical environment(s) in which they may be assigned to work, as determined by the employing agency.

<u>Lines of Promotion</u>

<u>From:</u>   None   <u>To:</u>   Computer Systems Manager (M 10050)

<u>APPENDIX</u>   NYC Acceptable Vendor/Professional Certificates, as of March 15, 2006, for Certified IT Developer (Applications) Title Code No. 13643:

1.   Actuate Certified Professional Developer (Version 7)
2.   BEA 8.1 Certified Administrator - System Administration
3.   BEA 8.1 Certified Architect - Enterprise Architect

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<u>CERTIFIED IT DEVELOPER (APPLICATIONS)</u> (continued)

<u>APPENDIX</u> (continued)

4.   BEA 8.1 Certified Developer - Build Solutions
5.   BEA 8.1 Certified Developer - Portal Solutions
6.   BEA 8.1 Certified Developer - Integration Solutions
7.   Certified ColdFusion MX Developer
8.   Cognos Access Manager
9.   Cognos Consolidation Product Professional
10.   Cognos DecisionStream
11.   Cognos Impromptu Product Professional
12.   Cognos Metrics Manager Product Professional
13.   Cognos PowerPlay Product Professional
14.   Cognos Planning Analyst Product Professional
15.   Cognos Planning Contributor Product Professional
16.   Cognos ReportNet Product Professional - Administration Track
17.   Cognos ReportNet Product Professional - Modeling Track
18.   Cognos ReportNet Product Professional - Reporting Track
19.   Cognos Upfront Product Professional
20.   Cognos Visualizer Product Professional
21.   Curam Certified Professional
22.   FileNet P8 Certified: Administrator: Business Process Manager Suite
23.   FileNet P8 Certified: Administrator: Content Manager Suite
24.   FileNet P8 Certified: Administrator: Image Manager Suite
25.   FileNet P8 Certified: Administrator: Records Manager Suite
26.   FileNet P8 Certified: Administrator: Web Content Manager Suite
27.   FileNet P8 Certified: Developer: Business Process Manager Suite
28.   FileNet P8 Certified: Developer: Content Manager Suite
29.   FileNet P8 Certified: Developer: Image Manager Suite
30.   FileNet P8 Certified: Developer: Records Manager Suite
31.   FileNet P8 Certified: Developer: Web Content Manager Suite

CERTIFIED IT DEVELOPER (APPLICATIONS) (continued)

APPENDIX (continued)

32.   FileNet P8 Certified: Technical Support: Business Process Manager Suite
33.   FileNet P8 Certified: Technical Support: Content Manager Suite
34.   FileNet P8 Certified: Technical Support: Image Manager Suite (CS)
35.   FileNet P8 Certified: Technical Support: Image Manager Suite (IS)
36.   FileNet P8 Certified: Technical Support: Records Manager Suite
37.   FileNet P8 Certified: Technical Support: Web Content Manager Suite
38.   IBM Certified Advanced System Administrator - WebSphere Application Server for v5.0
39.   IBM Certified Advanced System Administrator - WebSphere Application Server for Z/OS, v5.0
40.   IBM Certified Application Developer - DB2 Universal Database v8.1 Family
41.   IBM Certified Associate Developer - Lotus Notes and Domino 6
42.   IBM Certified Enterprise Developer - WebSphere Studio v5.0
43.   IBM Certified Lotus Notes R5 Application Developer
44.   IBM Certified Solutions Designer - WebSphere MQ v5.3
45.   IBM Certified Solutions Developer - WebSphere MQ v5.3
46.   IBM Certified Solution Developer - WebSphere Studio v5.0
47.   IBM Certified Solution Developer - Web Services Development with WebSphere Studio v5.1
48.   IBM Certified Solutions Expert - DB2 UDB v7.1 Family Application Development
49.   IBM Certified Specialist - WebSphere MQ Integrator
50.   IBM Certified System Administrator - WebSphere Application Server v5.0
51.   IBM Certified System Administrator - WebSphere MQ v5.3
52.   Interwoven Certification
53.   Microsoft Certified Applications Developer for .Net (MCAD)
54.   Microsoft Certified Professional Developer: Web Developer
55.   Microsoft Certified Professional Developer: Windows Developer
56.   Microsoft Certified Professional Developer: Enterprise Applications Developer

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CERTIFIED IT DEVELOPER (APPLICATIONS) (continued)

APPENDIX (continued)

57.   Microsoft Certified Solutions Developer for .Net (MCSD)
58.   Microsoft Certified Solutions Developer for Visual Studio 6.0 (MCSD)
59.   Microsoft Certified Technology Specialist: Biz Talk Server 2006
60.   Microsoft Certified Technology Specialist: .NET Framework 2.0 Web Applications
61.   Microsoft Certified Technology Specialist: .NET Framework 2.0 Distributed Applications
62.   Netcool Certified Consultant Accreditation (NCCA)
63.   Oracle Application Server 10g Administrator: Certified Professional
64.   Oracle Internet Application Developer Rel. 6i Certified Professional
65.   Oracle9i Forms Developer Certified Professional
66.   PeopleSoft Certified Developer
67.   Remedy Skilled Professional (RSP)
68.   Siebel 7.7 Certified Application Developer
69.   Siebel 7.7 Certified Business Analyst
70.   Siebel 7.7 Certified Data Warehouse Developer
71.   Siebel 7.7 Certified Server Architect
72.   Siebel 7.7 Certified CRM OnDemand Consultant
73.   Siebel 7.7 Certified Application Developer
74.   Siebel Certified Business Analyst
75.   Siebel Certified Consultant / Siebel Certified Instructor
76.   Siebel Certified Data Warehouse Developer
77.   Siebel Certified Master Analytics Consultant
78.   Siebel Certified Server Architect
79.   Sun Certified Business Component Developer for Java 2 Platform, Enterprise Edition 1.3
80.   Sun Certified Developer for Java 2 Platform
81.   Sun Certified Developer for Java Web Services
82.   Sun Certified Enterprise Architect for J2EE (Enterprise Edition) Technology

<u>CERTIFIED IT DEVELOPER (APPLICATIONS)</u> (continued)

<u>APPENDIX</u> (continued)

83.   Sun Certified Mobile Applications Developer for the Java 2 Platform Micro Edition
84.   Sun Certified Web Component Developer for J2EE (Enterprise Edition) Platform
85.   Sybase Powerbuilder v8 Associate
86.   Sybase PowerBuilder v7 Professional
87.   Sybase PowerBuilder v9 Professional