

## **Client/Server & Web Services**

Services provided in this category would be in support of a client–server distributed application environment architecture, n-tier architecture, and web services.

Resource skills and experience include the following:

- Design, development, and testing phases through to production implementation of code and/or applications required for single and multiple tier business applications/systems in distributed multi-user environments using software development lifecycles. (Resources needed: application development, systems analysis, security analysis, system administration, technical architecture.)
- Diverse environments including but not limited to UNIX/Linux server, Windows server operating system, Windows client, CITRIX-hosted client server, various internet browsers.
- Wide range of interface and communication protocols including Open Database Connectivity (ODBC)
- Full understanding and working knowledge of various query and scripting languages
- Experience implementing relational databases (Oracle, MS SQL, Sybase, MySQL, ADABAS, MS-ACCESS or other database engines.)
- Integrated development environments and tool sets (Microsoft, J2EE, etc.)
- Experience in developing technologies such as .NET, JAVA, IIS, WebServices, messaging, and middleware
- Experience in a wide range of vendor specific database applications

Technical skills and experience in this category include but are not limited to the following technologies:

- ADO.NET
- AJAX
- Apache/Tomcat
- ASP.NET Web Controls
- ASP.NET WEB Matrix
- ASP.NET,C#.NET ,J#.NET, VB.NET
- COBOL.NET
- Cold Fusion Server
- Content/Site Management Software
- CSS (Cascading Style Sheets), AJAX, Reporting Services, and Cross-Browser/Cross-Platform
- Delphi
- DCOM and COM+
- HTML and DHTML
- HTTP/HTTPS to presentation layer
- Internet Information Server 6
- Java Script/Jscript/VB Script/ ECMAScript (client- and server-side)
- J2EE, Java, JSP
- JDBC
- Linux
- Macromedia MX
- Microsoft Transaction Server (MTS)
- Mobile Device Programming: .NET, MacroMedia, J2ME and MS-SQL CE
- MS Project Server
- MS Sharepoint
- MS SQL Server
- MS Team Foundation
- Natural
- ODBC
- OLE/DB
- PHP
- SAP (e.g. Business Suite, BASIS, Functional, HR, Portal Content, Configurator, Work Flow, Security, BI/BW, ESS/MSS, Payroll, e-Recruiting, Financials, Solution Manager, Web Dynero, TREX, Tidal Scheduler, Info Pak, etc.)
- SharePoint 2003 and above
- SOAP
- SQL/ TRANSACT SQL/PLSQL
- TCP/IP to data layer
- Visual Studio .Net Enterprise Architect or note version
- VRML, VML, SVG
- Web Services
- Windows 2000 Server
- Windows 2003 Server
- WSDL
- XHTML,XML/XSL/XSLT, XML Schema and DTDs