

A.J. Boggs & Company (AJBoggs) offers information technology professionals experienced in project management, business process analysis, computer security, systems administration, design and development, and managed hosting services. Our teams understand complex systems and can deliver successful solutions that meet your needs.

Here are some of the technologies and capabilities our teams have provided:

Technologies

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| Web Technologies & Server-side Scripting | HTML, CSS, Java Script, Apache, ASP, ASP.NET, MQL, DTD, XML, XSL, XSLT, XML-RPC, XQuery, Perl, SAX & DOM APIs, Make, Shell scripts with Awk, Sed, SOAP, URI/URL, HTTP, DOM, AJAX, Unicode, internationalization, web crawlers, web search, and Usability. |
| Microsoft Technologies | .NET, COM, WCF, ASP.NET, ASP.NET MVC 2, SSRS, DTS, CLI, CLR, ODBC, Silverlight, WPF, Windows Forms, ADO, LINQ, LINQ2SQL, Active Directory, ActiveX, and OLE. |
| Java Technologies | Java, Java 2, J2EE, JDK 6 Update 22, EJB, Java Servlets, JAXB, JAXR, JSP, JDBC, JMS, Java Beans, JFC, Applets, JNI, JTA, Bean, RMI, Spring, Apache Struts 1.0/1.1/1.2, Apache ANT, Apache Jetspeed 2, CORBA, and Swing. |
| Development Languages | ASP, ASP.NET, VB.NET, C, C++, C#, PHP, SQL, T-SQL, PL/SQL, PERL, HTML/DHTML, CSS, Shell Script, Java, Java Script, omni J2EE: EJB, RMI, JNDI, JDBC, JMS, iMercury Messaging, Cold Fusion, COBOL, Python, and UML. |
| Web Services | XML, XSD, XSLT, DTD, DOM/SAX Parsers, UDDI, SOAP, WSDL and WCF. |
| Application Servers | BEA Weblogic, Oracle Application Server, and WebSphere. |
| Web Servers | Apache, Jakarta, Tomcat, and IIS. |
| IDE/ Tools | Visual Studio 2003/2005/2008/2010, Red Gate SQL tools, Red Gate ANTS profiler, Crystal Reports, DevExpress, Dreamweaver, Visual Interdev, Visio, IBM IRAD 6.0 (Web Sphere App server development studio), Eclipse, WSAD, JBuilder, Edit Plus, TOAD, XML Spy 2005, XML Style Vision 2005, TeamTest, Ant, and Team Center. |
| RDBMS | Microsoft SQL Server, MySQL, Oracle, PostgreSQL, Foxpro, Teradata, Informix, MS Access, Sybase, DB2, and IBM UDB Distributed Database. |
| Frameworks | ASP.NET, ASP.NET MVC, Apache Struts framework, Spring Framework, Hibernate, CSLA.net, LINQ2SQL, SubSonic, Apache Ant builder, WSAD, Xdoclet, Visual Age, Eclipse, Jdeveloper, junit/nUnit automated testing, MS Application Center Test, Omni Plus, introscope6.0, TOAD, SharePoint, DotNetNuke, Scriptaculous, Microsoft AJAX, and jQuery. |

Our Capabilities Inventory

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| Design Tools | Microsoft Visio, Eclipse, ER Win, Rational Rose 2000, Rational Purify, Rational Quantify, Together, Rapid SQL, and DBArtisan. |
| Unix | Shell scripting, scheduling, event monitoring, automated paging/emailing alerts, GNU tools, email, list services, webmail, kernel management, firewall, and systems administration. |
| Operating Systems | Windows 95/98/2k/XP/NT/2000/2003/Vista/2008/7, Unix, FreeBSD, DOS, Sun Solaris, MVS, SUSE/RH Linux, Unix HP-UX, Cisco OS, Cisco PIX Security Appliance OS, Novell, and Unix AIX. |
| Methodologies | OOA/OOD, Unified Modeling Language (UML), Rational Unifying Process, and EJB Design Patterns, Agile. |
| Configuration Mgmt., Versioning and Tracking Tools | SVN (Subversion), Visual Source Safe (VSS), Bugzilla, Concurrent Version System (CVS), Rational ClearCase, Serena Changeman/PVCS, and WinCVS. |
| Main frame | COBOL, CICS and JCL. |
| Data warehouse | MS SQL Server, Using IBM UDB database, proprietary ETL tool, Power Designer and Data Modeling. BI Tools: BI Query, SAS, Cognos, Brio, MicroStrategy, Proclarity, Oracle, BusObjects, Cognos Imprompto, DB2, BO, SSRS, DevExpress, and Essbase. BI/DW: ETL/ELT, Cubes, Drilling, ODS, DataMarts, and Physical/Logical/Dimensional Modeling. |
| Oracle | Oracle Database 9.x/9i/10G/11G, Oracle Designer Tools, Oracle RAC, Oracle Case Tools, Oracle Recover Manager, and Oracle Data Guard. |
| SAS Technology | Analytical, Real time Graphs and Reports SAS/basic, SAS/macro, SAS/Intranet admin, SAS programming, SAS Project development and Data analysis. |
| Other | Spy, Multithreading, RMI, CORBA (Visibroker), Websphere MQ 5.3, Active Directory, and Microsoft Exchange 2003/2007/2010. |
| Quality | Six sigma, CMM Level 5, TQM (deming), and ISO-9002. |
| Reporting | Developer Express XtraReports, SQL Server Reporting Services (SSRS) |
| SOA | SOA architecture using SOAP, XML, UDDI, and WSDL. |

Capabilities

Project Management

- Project Leadership, Management, and Communications
- Project Scheduling and Cost Control
- Complete Software Development Life Cycle Management
- Security Management
- Communications Management
- Program/Project Management Office (PMO) Formation and Operations
- Risk and Issues Mitigation / Management
- Technical and Project Reporting/Documentation
- Customer Confidence Building
- Strategic Planning and Execution
- Teambuilding, Training and Mentoring
- Vendor Relations and Managing Outsourced Resources
- Six Sigma Improvement Approach
- Project ROI Analysis
- Root Cause Analysis and Response Management

Enterprise Architect, Application Development, and Integration

- Enterprise Level Application Architecture
- In Depth Analysis of Legacy Applications and New Systems
- Business Process Reengineering, Business Processes Improvements
- Application and System Integration

Database/Warehouse Design/Development/Modeling/Data Architect

- Business Analysis, Database/Data Warehouse Architecting, Design, Logical and Physical Data Modeling, Develop Indexing and Partitioning Strategies, Data Analysis, Data architecting, Data Integrity and Data Transformation
- Master Data Management
- Domain/Enterprise Level Database/Data Warehouse Data Analysis,
- Data Convergence and De-Duplication
- Designing/Assisting and Reviewing Database and System Technical Architecture
- Database/Data Warehouse Restructuring and Reconstruction
- Database Capacity Planning, Load Balancing, and Clustering
- Data Capturing, Transport, Analysis, Transformation, Cleansing, and Integrity Checking for Accuracy and Consistency from Various Data Sources Across the Enterprise
- Systems, Applications and Data Auditing for Security Risk and Performance Evaluation
- Evaluate New Database Tools and Techniques

Database/Warehouse, Platform and Application Migration/Performance Tuning

- Database/Warehouse Tuning and Testing with Complex Quality Test Data and SQL for Performance on Distributed Enterprise Databases Containing Millions of Records
- Domain and Enterprise Level Platform, Application and Database/Warehouse Migration (Version and Platform) Planning, Execution and Performance Tuning
- Develop, Implement, and Conduct QA Procedures and Maintenance Plan to Improve Database/Warehouse Performance
- Conduct Root Cause Analysis for Critical Issues and Implement Best Practices.
- Monitoring Application Performance, Application and Data Usage Patterns to Use in the Strategic Infrastructure Planning for Capacity Planning, and Application Tuning
- Data Usage Patterns Analysis and Interpretation
- Helping Clients with Data Analysis, Business Intelligence to Implement Metrics to Measure Performance and Improve

Infrastructure planning and data center management

- IT Infrastructure Strategic Planning
- Enterprise Level Application Consolidation and effective ROI for Shared Services
- Data Center Management, Budget Development, Hardware and Software Planning
- Network Infrastructure Management, including WAN/LAN, Routers/Switches/Firewalls/DNS/VPNs
- Systems Administration of Network Devices, including Servers, Domain Controllers, Remote Access, and Printers
- Disaster Recovery and Contingency Planning for Business Continuity and Data Privacy
- Leading Managed Service Teams and Monitoring SLAs for Critical Applications

Staff Management and Other Skills

- Evaluation of New Systems, including Software, Hardware and Piloting Methods
- Managing All Active Matrixes of Stakeholders
- Managing Interfaces and Data Conversion between Complex Systems
- Multi-Tasking and Project Management of Many Projects
- Managing Outsourcing with On-Site and Off-Shore Resources

Computer Operations (Infrastructure) Management

- Configuration Management
- Help Desk Services
- Desktop Systems Management
- Network and Systems Administration

Quality Assurance Services

- Testing
 - Unit Testing
 - Automated and Integration Testing
 - Usability and Accessibility Testing

- Acceptance Testing
- Use Case Testing
- Defect Testing
- Performance Analysis
- Load/Stress Testing
- Document Review
- Bug/Request/Satisfaction Tracking
- Code Reviews
- Design Reviews
- Process Reviews
- Process Improvement and Total Quality Management

Other Capabilities within the Software Development Life Cycle

- Requirements gathering
- Change management
- Systems requirements planning
- Systems analysis
- Web service design
- System integration
- Systems administration
- Software development
- Network services including security
- Database development
- Internet applications hosting
- Data center operation
- Help desk services
- Testing and verification
- IT strategic planning
- Geographic information systems (GIS)
- Website design
- Search engine application integration services
- Instructional design, web-based training course development, and training
- Open source licensing
- Unix/Linux/FreeBSD/CentOS/etc. Configuration and Management
- 6-Sigma
- Product Management
- Return on Investment (ROI) Analysis