James Boyd
.NET Senior Software Engineer
Independent Contractor
Jim@JamesEllisBoyd.com

Website:

www.jamesellisboyd.com

Skill Set:
Visual Studio (all versions)
.NET (VB, C#, C++) (Framework & Core)
ASP.NET
(MVC, Web API, Core, Web Forms, Razor)
Entity Framework, LINQ
Angular, Javascript, AJAX, JQuery, Bootstrap
SQL Server (all versions)
T-SQL, Stored Procedures
HTML, HTML 5
Payment Gateways
(Authorize.net, Chargify, PaySimple, etc)
UML, Object Modeling
GOF Design Patterns
Jira, Slack
TFS, Git, SVN, Tortoise
DevOps, AWS, Rackspace

Education:

University of Texas at Dallas
Bachelor of Science in Physics
(September 1994)

Capella University
Master of Science in Information Technology (MSIT)
Specialization in System Design and Development
(December 2008)

Capella University
Post Master's Certification in Education in College Teaching
(December 2009)

Employment History:

RSI / Sparq
.NET Backend Consultant and Tech Lead. (March 2021 – present)
Worked on various development projects and performed technical
screens for potential employees.

JB System Consulting
Independent Contractor/Consultant (April 2010 – March 2021)
- C#, ASP.NET, MVC, VB.NET, SQL Server Projects
- Worked on various projects with businesses all over the country
- Manage all aspects of running a small business

University of Phoenix
Faculty (Spring 2012 - 2014)
Taught Information Technology Courses. Also worked
as a Staff Tutor for Mathematics.

UNM   University of New Mexico Continuing Education
Part Time Instructor (October 2007 – October 2008)
Classes taught: Object Oriented Analysis and Design, C# .NET and
Software Development Methodologies

ASRT   American Society of Radiologic Technologists
Senior Software Engineer   (August 2005 – February 2010)
Software Engineer   (August 2004 - August 2005)

Designed, developed and maintained business specific web (asp.net),
windows, console, intranet (asp.net) and share point (web-part)
applications in C# .NET (versions 1.1, 2.0 and 3.5). Maintained and
modified VB 6 ActiveX files on third party application. SQL Server 2000

(now 2005) served as the corporate back end database. Implemented OOP design practices and delivered high quality applications with intuitive user interfaces.

Provided component and interface based object oriented programming style complete with application, database design documentation and UMLs. Designed and implemented Data Access Objects to interact with a corporate middleware which was exposed through a singleton design data access implementation from an abstract factory pattern which services all client applications via web services.

Implemented various design patterns and architectures while continuously studying various development trends. Worked with users to establish strong user requirements and up front specifications to reduce scope creep and increase user satisfaction. Continuously strived to provide high quality, SOA, scalable and extensible applications.

US Cotton
System Programmer   (December 2003 - August 2004)

Developed and supported web based applications using ASP and JavaScript with SQL Server 2000 and MS Access for back end databases. Designed and wrote stored procedures, Triggers and DTS packages using SQL Server 2000 as our primary backend database to corporate applications.

Worked with the Progress procedural programming language and databases in a Unix environment.
Continued independent .NET framework studies.

RHI- United States Postal Service
Web Application Developer / Programmer   (April 2002 - September 2003)

Consultant at the United States Postal Service District Office
Developed and supported 508 compliant Web based applications using

ASP (Active Server Pages), VB Script, HTML, JavaScript and ADO 2.5. Developed with SQL Server 2000 and MS Access as back end databases. Utilized the enterprise manager, query analyzer and DTS on a daily basis. Designed and implemented relational databases, tables, views and Managed users and roles for 28 Postal databases. Provided easy and intuitive user interfaces for end users and routinely addressed data management issues between applications and other data sources. On a continual basis, Provided creative solutions to business problems within the IT department as well as other departments. Continued independent .NET framework studies.

Obtained The United States Postal Security Clearance.

PhDx
Computer Programmer   (June 2000 - August 2001)

Produced and debugged code in various languages on projects with a small development team. Also performed maintenance programming on platform and in house applications.

Designed, created and supported applications written in classic ASP. Wrote ActiveX DLLs for mid tier business processes in Visual Basic 6. ASP pages served as the presentation layer and utilized the DLLs while having SQL Server as the backend database via ADO 2.5.

Wrote four mathematical classes in Java (Geometry and Trigonometry) , a small routine in C++ and worked with the XmlDOM and httpXml objects.

Cyberwolf - Acuman books
Technical Support   (October 1999 - June 2000)

Supported book publishing accounting software. Troubleshoot, Test, Created custom reports in 4D. Consulted on application issues with publishing companies across the Country. Hired as support rep/ Jr programmer but did not do any programming work. Continued self study in VB and SQL Server.

Maloof Companies
   Computer Operator/Tech, IS-dept   (December 1998 - October 1999)

Procedural AS/400 operations, hardware and software installation.
Provided maintenance and tech support. Performed Hardware
upgrades and PC part replacement. Wrote a C++ file reading program
for handhelds, self studied VB, SQL server and C++.

Rio Rancho High School
Teacher   (1997-1998 Academic year)
Taught Algebra

TVI   (Now Central New Mexico Community College)
Part-time Math, Calculus and Physics Tutor   (May 1997 - October
1998)

Albuquerque Job Corp
Teacher   (August 1996 - August 1997)
Taught Pre-College, Math, GED math and GED science.
Student Recognition Award

Associations and Affiliations:
   International Association of Engineers   Member-2006
   National Council of Teachers of Mathematics   Member-1997,1998

   Society of Physics Students   UT-Dallas Vice President-1993
    Dallas- Deaf Action Center (DAC) Volunteer and Advance
   Conversational skill student- 1989