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Peter Bromberg

Objective NOTE: ORLANDO - DAYTONA AREA ONLY, PLEASE!

Full-time or contract position in Software Development as Senior .NET Developer, utilizing Microsoft .NET Technologies.

SUMMARY

- 25 years of experience in IT field.
- Microsoft Certified Professional
- Microsoft Windows and Office Systems
- Relational Database Systems experience (Oracle, SQL Server, Informix, MySQL, PostGres)
- Message Queue (Enterprise Service Bus)– MSMQ, RabbitMQ
- Team Foundation Server, GIT, SVN Source control
- Expert in UX "User experience" encompassing all aspects of the end-user's interaction with the company, its services, and its products.
- SaaS (Software As Service) Development and experience with Design Patterns
- SOA (Service Oriented Architecture) Framework Development
- Stored Procedures, Index tuning, Database design
- ASP .NET Web Development and MVC
- TCPIP Communications Programming
- Working with and engineering APIs – JSON, WCF, XML
- Web Development with jQuery, AJAX, and HTML5
- Experienced with Agile/Scrum methodology

TECHNICAL EXPERIENCE

Languages

- Proficient in: C#, T-SQL, Javascript, HTML5
- Familiar with: Java, C/C++, Python, PHP

Software & Technologies

- Database: Microsoft SQL Server, Informix, SQLite, Oracle, MongoDB, NoSQL, MySQL
- Platforms: Microsoft Windows, Linux
- Expression Blend, Microsoft Visual Studio, ASP.NET , CoreCLR

PROFESSIONAL EXPERIENCE

Senior Lead .NET Developer

July 2015 – Sept 2016

Ladies Professional Golf Association

- Design, build and test Webservice APIs, ASP.NET MVC and Angular.js Applications.
- Strategic analysis of business requirements, create and implement project plan and User Stories.

Senior .NET Developer

Benu Networks Inc.

September 2014-May 2015

- Design, build-out and testing of core services for Linux-MONO based framework that

handles DLNA, Radius, SNMP and other messaging formats between hardware-based switches and software-based control frameworks for major cable providers such as Comcast and others.

- Agile / Scrum development environment.
- Developed high-scalability .NET Services to run on Linux servers

Partner

eggheadcafe.com

July 2001 – April 2012

- Founding partner and engineer at eggheadcafe.com, a highly successful developer-oriented web site since July 2000, with as many as 20 million page views per month
- Development, Search Engine Optimization, and content
- Employed the latest ASP.NET technologies

Consultant

Strategic Technologies and Research, Inc.

January 2009 – Present

- Consultant developing database-driven voter information sites with the latest Microsoft .NET technologies
- Developed advanced SQL Server stored procedures and replication
- Created migration scripts to update voter database

Consultant

Lee Hecht Harrison, Inc.

August 2012 – May 2013

- Consultant developing large-scale Customer Relationship Management site for this international human resources subsidiary of Adecco, Inc.
- ASP.NET front end with custom controls, SQL Server back end. Custom reporting components with Aspose Words and html templates
- Team used Agile / Scrum development methodology

Consultant

Volusia County Clerk's Office

April 2009 – December 2010

- Consultant developing Informix-based .NET API and Web Applications with .NET 3.5, Windows Services, middleware, Entity ORMs
- Developed custom ORM classes to work against Informix database
- Created Windows Services for Quartz scheduler modules

Developer

Ciber inc.

April 2007 – April 2009

- Developed SOA (Service Oriented Architecture) Web and Middleware applications for several Fortune 500 clients
- WCF Web Services, ASP.NET MVC Framework, SQL Server and Oracle back-ends. Experience with ASP.NET MVC, jQuery, Microsoft AJAX, WCF, Entity Framework and NHibernate
- Created SOA Enterprise Application Middleware and database access layers, Windows Mobile MVC Service layer and middleware applications for a Fortune 500 clientele including Disney
- Developed specific applications such as reservation systems in SaaS (Software As Service) modality

Volo Communications

November 2004 – February 2007

Senior Enterprise Software Architect

- Develop soft-switch and VOIP (Voice Over Internet Protocol) SIP switching and routing technology
- Architecture is mostly C# with some C++ managed code wrappers of telephony and codec APIs
- Wrote Smart Dispatcher multithreaded C# Windows Service that processes 2000 MSMQ messages per second and can be reconfigured while running
- Developed Managed C++ wrappers for G.729 and ILBC codecs as well as managed C# streaming “plug-in” DirectX Audio capture and playback classes that can be hosted in a web page
- Developed "click-to-call" web service API and web sites to enable architecture and implementation of unique VOIP-based telephony applications

Senior Consultant/Developer

ASPSoft, Inc.

January 2004 – November 2004

- Developer at this cutting – edge, Microsoft Certified Solution Developer consulting firm.
- Architected .NET Remoting – based infrastructure and Windows Forms GUI modules for extensive Healthcare – oriented applications, web – based ASP.NET modules for trans-institution hospital staff extranets.
- Implemented innovative custom transport – level binary DataSet serialization and compression to conserve bandwidth

Gartner Group

January 2003 – April 2003

Senior Developer

- Contract position to develop a complete, pluggable .NET web – based reporting infrastructure for Gartner’s TVO (Total Value of Opportunity) software suite
- Design, spec, architecture, coding and testing. Project was completed on time and under budget
- Extensive use of C# and strongly – typed custom reporting classes making use of Xml classes

Go Co-op.com

July 2002 – January 2003

Principal Software Architect

- Contract position developing and architecting .NET Platform web – based e-procurement applications for the hospitality industry using Web services, XML,
- Helped convert classic ASP application with 1200 table multi-server database back-end to .NET platform for major scalability and throughput enhancement
- Created Remoting and Windows Services as a lead programmer on a small, high – powered .NET development team

Fiserv CBS, Inc.

August 2000 – June 2002

Senior Programmer/Analyst

- Lead role coordinating two groups comprising over 17 developers
- Responsible for co-development of the web-based retail banking application
- Primary responsibility of coding the Internet Explorer 5.5 DHTML – based user interface utilizing advanced DHTML, XML, VBScript, JavaScript and SQL Server 2000 XML data interchange
- Creation of middleware Windows DNA – based COM+ components and server – based COM+ components talking to AS400 based DB2 host and Data Queues in a load-balanced, multi-server web farm environment. This is the most advanced web – based financial application in the industry

Sprint PCS

December 1999 – August 2000

Software Engineer IV

- Responsible for maintenance and full lifecycle development of web – based collaboration, intranet and internet database – enabled enterprise applications for a variety of business

processes including call center applications, intranet – based web reporting, and content delivery systems

- Business process analysis, requirements documents, project plans. Web Application stress testing
- Consultation with department heads; recommendation, design, development and implementation of software solutions
- Developed complete cross-browser compliant company intranet with Windows DNA based collaboration and database-enabled content management. DHTML, ASP, COM, VBScript, JavaScript, XML utilizing both SQL Server and Oracle data stores
- Co-Developed N-Tier Web Reporting Management system for generation, caching, and display – on – demand of general business reports from Oracle data store in both Active Reports and Crystal Reports formats in the client web browser
- Developed custom web – based business components for use of developer group and other departments including Base DLL registry, HTML Component, Discussion Forum, Management Alerts with email notification, Employee Lookup Directory with email and paging links, and company-wide quarterly “Scorecard” web-based employee evaluation survey application
- Deployed proof-of-concept COM+ Windows DNA solutions on Windows 2000 Advanced server utilizing the latest features of Exchange 2000, IIS 5.0, Message Queue, SQL Server 2000 HTTP/XML queries, and Biztalk Server 2000 with SOAP / XML, Web Services and Digital Dashboard Web Parts
- Used Visual Studio 7.0 PDC Developer Preview to develop web forms, web services, and web components utilizing C#, ASP+ and ADO+ with DataReaders and Datasets

MEDai, Inc.

March 1999 – November 1999

Manager of Development

- Responsible for full life cycle development of N-Tier client/server COM / DCOM and Internet – enabled database applications at this cutting – edge medical artificial intelligence firm
- Oversaw development department, supervising 9 developers. Responsibilities included: gathering user requirements; writing user requirements documents; creating application process flow diagrams; creating UML data models; development of user interfaces, middle-tier business objects and database processes; testing, implementation and maintenance of all business systems
- Developed a series of B2B projects to convert and upgrade legacy systems from Windows to web enabled, multi-tier application systems utilizing Windows NT 4.0, VB 6.0, JavaScript, Active Server Pages (ASP), Internet Information Server 4.0 (IIS), Microsoft Transaction Server 2.0 (MTS), DCOM, IE 5.0, Netscape Navigator and an Oracle 8i data warehouse (200 GB)
- Developed Intranet – enabled Exchange Server/ Outlook applications. Responsibility for maintenance and development of corporate intranet and public corporate web site(s), as well as client extranet applications
- Developed online COM – based asynchronous stock pricing components for “AI Trader” artificial intelligence proprietary trading system. Component capable of asynchronously downloading and converting 4,000 individual stock issues with 260 days historical data each in 10 minutes or less
- Experience in working with and using neural network programming tools to develop custom business intelligence analytical solution applications

EDUCATION

1990

Ph.D. Economics

Columbia Pacific University

1986

B.A. Economics

Columbia Pacific University

Numerous Company and Industry – based training courses

Microsoft Certified Professional

PUBLISHING WORK

- **Realtime Publishers, Inc:** Staff Author. Have authored custom articles on various technology and development subjects for this premier vanity publishing company
- **Prentice Hall:** Technical Editor on several .NET related books, including the Deitel Series
- **Manning Publishers:** Technical Editor on book “C# In Depth” by Jon Skeet
- **Sams Publishers:** Technical Editor on Silverlight 4 in Action book by Laurent Bugnion
- **Personal blog:** peterbromberg.net

PROFESSIONAL PAPERS

“A Study of Associations Between Solar and Economic Data”, April, 1990 (148pp + source code): Dissertation submitted in partial fulfillment of Doctoral Degree requirements to Columbia Pacific University (Faculty Mentor: Dr. James Gould, Assistant Director, Lubin Graduate School of Business, PACE University, NY). Research paper included development of and source code for Fast Fourier Transforms and Autocorrelation Analysis methods on daily Ottawa 10cm Solar Flux readings (NOAA) from 1947 through 1990, associated with corresponding interest rate and stock index data, as well as computer analyses of GOES satellite minute-by-minute solar activity readings correlated with corresponding real-time commodity futures trading data. Paper included multi-year interest rate and stock index forecasts through 1996 based on associative model which correctly predicted the long-term decline in global interest rates, based on solar cycles.

PUBLISHED ARTICLES:

- 10/26/2002 Article, “Overhead of COM+ Services in the .NET Platform” Published at eggheadcafe.com
- 9/29/2002 Article, “Serialize / Deserialize .NET Classes to SQL Server” Published at eggheadcafe.com
- 9/7/2002 Article, “Custom Forms Authentication in ASP.NET” Published [by Microsoft Developer Network Academic Alliance site](http://www.microsoft.com/developer/network/academic/alliance/)
- 9/16/2000 Article on .NET: “Got Interface?” Published by **Microsoft Developer Network Academic Alliance**
- Numerous additional articles, book reviews and features can be viewed online at the developer web site I conceived, designed and co-hosted at <http://www.eggheadcafe.com>.

PROFESSIONAL CONFERENCES, PRESENTATIONS, TRAINING AND AWARDS

- Microsoft Global MVP Summit, Seattle WA **2006-2013**
- .NET Code Camp Conference, Orlando, FL **2006, 2007-2013**
- Presentation to the Orlando .NET User Group on SQLite and ADO.NET **2004**
- VSLive 2004, Orlando, FL
- Microsoft Tech-Ed 2004, San Diego CA

- Microsoft Visual Studio .NET Developer - Most Valuable Professional
- Microsoft Certified Professional
- MCSD Courses and tests in Visual Studio.NET Web Development. MCP Certification
Microsoft .NET platform in-house training **February 2002**
- Microsoft Testing Labs, Charlotte NC – direct MS training / testing **May 2002**
- Microsoft Tech – Ed Conference, Orlando **May 2000**
- Microsoft Professional Developer Conference, Orlando FL **July 2000**