

Brad Lucas

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Summary

- Experienced entrepreneur, software developer, team lead, architect, project manager and technical consultant
- Technical Co-Founder of New York based FannedOut, the sports site for knowledgeable sports fans
- Financial application development experience building system for Bear Stearns, Lehman Brothers, JP Morgan and Goldman Sachs
- New media web development for Coca Cola, Target, AMEX and the New York Times
- Technical Co-Founder of Anywhere Enterprises an early online file storage and sharing service
- Seven years building Portfolio Management and Research systems for Fidelity Investments
- Founder of Beacon Hill Software, a successful Boston-based software consultancy
- Author of Snapshot for Windows, a popular Windows screen capture program
- Experience with expert systems development, rule-based systems and Lisp
- Experience building real-time embedded systems using C and Assembler

Experience

Beacon Hill, Inc.

October 2002 to Present

New York, NY

Software Development

President/Founder

Consultancy

- Founded company to provide technology solutions to New York and CT based financial firms

FannedOut

May 2010 to Present

New York, NY

Sports

Technical Co-Founder

Social Site for Sports Fans

- Co-founder and CTO for New York-based startup FannedOut.com which allows smart sports fans to interact with other like minded fans interested in testing their sports knowledge in a competitive team-based environment.

Sony Music Entertainment

May 2010 to April 2011

New York, NY

New Media

Software Development Consultant

New Media Websites

- Coca Cola (Fanta.com)
- AMEX
- Target
- Club25
- Cardigan
- Bergen Shippers

New York Times

February 2010 to May 2010

New York, NY

Newspaper

Consultant

Digital Media

- Software development consulting
- Paywall

Bear Stearns/JP Morgan

October 2007 to April 2009

New York, NY

Prime Brokerage

Lead Software Developer

Margin System

- Lead developer on a team implementing a cross margin system

JP Morgan

July 2006 to September 2007

New York, NY

Investment Bank

Consultant: Java Architect

Identity Access and Management

- Part of a three person team building and extending the Investment Bank's Single Sign-On (SSO) system. The Janus project currently protects over 200 internal desktop and web applications within the IB. The system consists of plug-ins for Apache, IIS and J2EE application servers for authentication and a backend system for managing entitlements.

- Introduced the Spring Framework and developed the Janus Dashboard suite for monitoring system statistics, sign-on failures and system audit information.
- Worked as an adviser on moving Struts applications to the Spring Framework.
- Built a comprehensive testing framework on top of JUnit, DBUnit and JWebUnit that covered the entire project's feature set. The framework has enabled the development team to systematically test all variations of the authentication plug-in as well as the entire backend system and database.
- Worked on the development of the project's new filter for IIS (C++).
- Plug-in development was done in C++ (Apache/IIS) and Java (J2EE). Backend system development in core Java (1.5).
- Extended the Janus Web Services module using Axis 2.
- Java, C++, Ant, Eclipse, Tomcat, Sybase, Oracle, Spring, ClearCase, Subversion, Axis

BNP Paribas

May 2005 to July 2006

New York, NY

Investment Bank

Consultant: Java Architect

Fund Derivatives

- Front-desk environment for a Hedge Fund Trading System (HFTrader)
- Architect for a new Web Services Framework for HFTrader using Axis/Hibernate/Ibatis
- Development of Authorization, Authentication, Pricing and Position services
- Shared component API for Database Access, XML messages and Services
- Porting of large C++ Windows client to use new Java services layer
- Java Swing application for viewing Fund prices.
- J2EE development under Weblogic
- Weekly Java mentoring talks for C++ developers on the team
- Java, C++, Ant, Eclipse, Tomcat, Weblogic, Sybase, Axis, SOAP, Swing, CVS

Goldman Sachs

February 2004 to July 2004

New York, NY

Investment Bank

Consultant: Senior Developer

Prime Brokerage

- Front-desk environment supporting the Stock Loan trading desk
- Trading desk support, performance issues and code re-factoring.
- Equilend Securities Lending Markup Language (XML).
- Used the Castor open source data binding framework to map XML messages to Java objects.
- Stock Loan functional areas -- Contract Comparison, Mark to Market, Recalls>Returns.
- Java Swing application to mark Recalls and Returns.
- J2EE development under Weblogic.
- Motif application maintenance.
- Java, Ant, Eclipse, Tomcat, Weblogic, Perl, Sybase, CVS, Castor

Anywhere Enterprises, Ltd.

October 2003 to May 2005

New York, NY

Principal/Co-Founder

Digital Media Distribution Startup

- Server-side Java J2EE development for the creation of a file storage and sharing system.
- Developed the protocol to communicate to the system via XML messages over HTTP.
- Designed the database layer to support multiple backend databases (SQL Server, Sybase, Postgres)
- Developed Servlet/JSP applications for web access to the system.
- Designed the reporting and monitoring functions including email notifications.
- Built a Java Swing client to access Anywhere account files.
- Setup the development environment including the use of Ant, Eclipse, PostgreSQL and CVS.
- Built and maintained production Linux server.
- Developed anywhereenterprises.com, filesharinganywhere.com and senditanywhere.com
- Java, Ant, Eclipse, Apache, Tomcat, PostgreSQL, SQL Server, CVS

Lehman Brothers

October 2002 to October 2003

New York, NY

Investment Bank

Consultant : Senior Developer

Structured Credit Trading Desk (Fixed Income)

- Front-desk Fixed Income environment for Structured Credit Risk desk.
- Rebuilt Structured Credit Risk Aggregation system improving response time in the order of 300%.
- Rewrote and consolidated Sybase stored procedures, data feeds and user interface code.
- Developed an Excel add-in for the Risk/Product Control department.
- Developed web-based Risk Reporting for heads of Fixed Income
- Real-time Risk feed Excel using Tibco and XML.
- Java, Ant, Eclipse, Apache, Tomcat, Perl, VB, Excel VBA, SyBase, CVS

Risk and Value Engineering

June 2002 to October 2002

New York, NY

Consultant

Risk Management Software

- Responsible for the planning and design for RVE's transition from a UNIX environment to Windows.
- Evaluated existing Unix code base and developed Windows version.
- Mentoring of software development team on Windows' application development.
- C#, VB.NET, ASP.NET, Visual Studio .NET, Source Safe

Leerink and Swan

December 201 to May 2002

Boston, MA

Consultant

Equity Research System

- Consultant to Leerink's financial equity research department to enhance the firm's ability to produce financial research to clients in a more timely and accurate manner.
- Built a Windows based financial research publishing system.
- Utilized Word as the user interface platform and an IIS based backend server with SQL Server as the database.
- C++, VB, Excel, Word, MS SQL Server, IIS, Source Safe

Fidelity Investments

January 1994 to November 2001

Boston, MA

Mutual Funds

Senior Developer/Architect

Portfolio Management and Equity Research

- During a 7 year tenure, worked with increasing responsibilities on a number of innovative and leading-edge, large-scale projects from conception to rollout. Roles included software architecture, design, development, setting code standards, mentoring, project management, working with business analysts, requirements gathering, technology recommendations and setting system support guidelines.
- Provided hands-on leadership in a growing group that started with 3 people and eventually grew to over 40.
- Architect and lead developer for Fidelity's internal financial research publishing system, Research Reports. The system is used by all of Fidelity's portfolio managers and research analysts to create, publish, disseminate, review and analyze all internal research.
- A C++ add-in to Word managed the publishing into Sybase. Distributed web components in C++ and Java handled the review, publish and dissemination aspects of the system.
- Co-author of the Wall Street Models financial information protocol. A proprietary protocol used to gather and distribute valuable sell-side research financial models directly into Fidelity Investments from top-tier sell-side firms. A C++ application implemented the protocol and gathered information from remote sites.
- Senior Architect and team lead for the QuickNote financial research publishing and notification system. QuickNote is a lightweight and complete solution for financial analysts and portfolio managers to communicate short financial notes quickly via a Web-browser, Email client or personal Blackberry. C# on the .NET platform.
- Designed the architecture for Fidelity's in-house Global Meeting Scheduler. The system supports scheduling company visits to Fidelity analysts in Fidelity offices worldwide. GMS is an IIS/ASP/COM based system.
- Lead developer in moving the company's Unix-based InView portfolio management system to Windows. C++ was the development language.
- Windows 95/98/NT/2000/XP, Solaris, Visual C++, MFC, VB, Sybase, Stored Procedures, COM, CORBA, Java, JDK, JSP, JDBC, Servlets, Win Inet, HTTP, HTML, XML, Db-Lib, Perl, ODBC, Windows SKL, VBA, Excel SDK, Word WLL, Apache, IIS

Beacon Hill Software, Inc.

October 1991 to October 2002

Boston, MA

Principal/Founder

Software Development

- Developed and marketed a Financial Research Publishing system to sell-side firms
- Developed software for Beyond, ProCD, MathSoft, CA, Linguistic Technology, and Information Mapping.
- Developed and marketed Windows screen capture program SnapShot for Windows.
- Developed innovative Pen-based systems for Vectis and Note Systems.
- Participated in seven technology startups.

AICorp

May 1990 to October 1991

Waltham, MA

Software Engineer

Expert System Vendor

- Member of AICorp's software development group responsible for KBMS and FirstClass for Windows, the company's Expert System Shell products.
- Windows development in C with the Windows SDK for Windows 3.0 and 3.1.

Gold Hill Computers

September 1989 to April 1990

Cambridge, MA

Professional Services

Software Engineer

Lisp and Expert System Vendor

- Member of the professional services group working with customers integrating Golden Common Lisp and the Gold Works Expert System product with external software systems
- Development work using LISP and C under Windows 2.11 and 3.0

Executone

August 1988 to September 1989

Darien, CT

Software Engineer

Digital Phone Systems

- Real-time systems development in C and Assembler.

Data Switch Corporation

September 1987 to July 1988

Shelton, CT

Network Monitoring Equipment

Software Engineer

High-speed switching systems

- Real-time telephony systems development in C

Technical

- Languages: Java, C/C++/C#, VB/VB.NET, SQL, Python, Perl, HTML, XML, JavaScript, VB Script, Unix Shell, VBA, Excel Macros, Python, Lisp, Scheme
- Dev Tools: Eclipse, Ant, Emacs, Java SDK 1.4/1.5, Visual Studio 6-.NET, Visual C++ 1.x-13.x, VB 1.x-6.x, Microsoft Office 4.3-97-2000, Excel VBA, Visio, Rational Rose, MS Excel 4.0-8.0, MS Access 1.x-8.0
- App/Web Servers: Apache, Tomcat, Weblogic, JBoss, Microsoft IIS
- Databases: Sybase 12.5/11/10, SQL Server 4.2-6.5-2000, Oracle 8i, PostgreSQL, MySQL, Access 1.x-8.0-2000
- Operating Systems: Windows XP/2000/NT 3.X-4/9X/3.X, Solaris 2.X, Linux, Windows 3.X, DOS 3.X-6.2, VMS, OS/2
- APIs: J2EE, Java Swing, Java AWT, Java RMI, Servlets, JDBC, JSP, XML-RPC, SOAP, HTTP, CGI, Windows SDK 3.x, Win32, Win INET, OLE, Excel SDK, Word SDK, DAO/ADO/RDO, ODBC 2.x, Db-Lib, MFC 1.x-6.x, Windows/Unix Sockets, ATL, CORBA(ORBIX), Motif, X-Windows, JUnit, Apache Commons
- Component Services: .NET, DNA, COM/DCOM, MTS, ASP, SOAP, MFC, CORBA, Tibco
- Source Control: CVS, SourceSafe, ClearCase, Subversion
- Design: Object Oriented Analysis and Design (OOA/OOD), Design Patterns, Unified Modeling Language (UML)

Education

University of Bridgeport, Bridgeport, CT May 1987

BS - Computer Engineering

Minors - Math, Music and Electrical Engineering

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