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## **Summary**

I have devoted more than fourteen years to the high-tech industry focusing on leadership, software development, and consultation.

## **Professional Experience**

### Leadership

- Built productive, happy development teams from the ground up.
- Consistently manages people in a positive manner by promoting trust and accountability.
- Lead successful development efforts for many large clients with a wide range of technologies and objectives.
- Independently manages client relationships.
- Helps executive-level personnel determine business requirements for software applications.
- Effectively works with business and technical staff to develop accurate technical solutions and effectively resolve issues.

### Communication

- Dedicated to maintaining friendly, clear, and transparent working environments.
- Consistently asked to mentor junior level developers and consultants regarding development methodology and technology.
- Creates, presents, and introduces technical systems architecture overviews to developers; lead training classes and seminars for technical personnel.
- Enjoys sharing and explaining technical concepts to non-technical individuals.
- Effectively writes detailed technical and business information within formal documents as needed.
- Demonstrates innovative technologies at trade shows and to high-tech and industry executives.

### Software Development

- Dedicated to the Agile/Scrum development methodology following a mantra of continuous improvement.
- Designed and implemented highly scalable solutions to solve business problems for a variety of clients.
- Consistently applies methodology and scientific method to solve problems.
- Highly experienced in dealing with legacy “nightmare” systems.
- Consistently forward-looking when developing solutions.
- Relies on basic technology principals and an inherent understanding of how technology works to solve problems rather than relying on technology-specific solutions.

## **Employment History**

**Director, Engineering    Ecast, Inc.,    San Francisco, CA    8/2006 - Present**

*Ecast is the largest broadband touchscreen media network in the United States, providing digital music and fully interactive advertising to over 10,000 bars and nightclubs across the country. I manage all of Software Development and Quality Assurance for Ecast.*

Built extremely talented and highly motivated teams from the ground up and kept them happy while dealing with the usual development and HR related issues.

Successfully implemented the Scrum development methodology which was so successful that development was no longer the bottleneck for the company allowing the business greater flexibility.

Took over the ScrumMaster duties for both the Client and Server side development/QA teams.

Led highly successful prototyping efforts for new client applications using Adobe Flex and .Net web services allowing the business to explore new products.

Led significant efforts to extend and maintain the primary customer facing legacy systems using PHP , Java, and C# while implementing "test driven development", "paired programming" and "continuous integration and testing". This significantly increased the team's capacity while significantly increasing the quality of all code pushed to production, creating a happy and effective team environment.

Provided direction to quality assurance which allowed them to implement more flexible automated testing applications including Watir and Fitnesse which significantly contributed to their efficiency.

Co-inventor on a patent application for a user interface designed within Ecast.

Led the implementation of a scalable .Net Web Services framework processing thousands of requests per hour.

**Sr. Software Engineer,    Esurance, Inc.,    San Francisco, CA    10/2001 – 8/2006**

*Esurance is the first on-line-only insurance company and is also the fastest growing new insurance company to be created within the last 50 years. I was responsible for a wide variety of development and software release efforts as well as business process improvements which helped bring the company's development department to the next level. Roles included developer, lead developer and technical manager.*

Designed and developed major sections of a distributed (multi-tier) internal accounting system including the core services infrastructure which incorporated transactions and multi-threading using C#, XML, XSLT, XSD, SOAP, ASP.Net, ADO.Net, Javascript, HTML, Web Services, Microsoft Enterprise Library, stored procedures, and T-SQL using MS-Sql Server.

Designed and developed a web-service-based email system which supported user configurable HTML/XSL templates, bounce tracking, batch sends, and open tracking using C#, ADO.Net, Web Services, MSMQ, SOAP, XML, XSLT, XSD, HTML, Microsoft Application Blocks incorporating the Enterprise Development Reference Architecture (EDRA), stored procedures, and T-SQL using MS-Sql Server.

Designed and developed a configurable file management utility used by production support to move pdf documents to various locations using C#, XML, ADO.Net, stored procedures, and T-SQL using MS-Sql Server.

Responsible for all development and support for Esurance's web-service-based rating software. Requirements gathering, scoping, impact analysis, vendor relations, and software development using VB 6.0, ASP, COM+, XML, XSLT, HTML, stored procedures, and T-SQL using MS-Sql Server.

Converted Esurance's legacy rating application into a stand alone web-service using HTML, ASP, XML, XSLT, VB 6.0, MS-Sql Server, COM+, stored procedures, and T-SQL using MS-Sql Server. This change significantly improved accuracy, scalability, and reliability.

Designed and developed a series of multi-tier automated testing applications and user tools which verified the accuracy and load capability of rating implementations using VB 6.0, ASP, HTML, MS-Excel, XML stored procedures, and T-SQL using MS-Sql Server.

Managed a number of significant software releases which were regarded as the most successful in Esurance's history based on measured criteria including build frequency and overall quality. Responsibilities included design and code reviews, risk management, change control, communicating expectations, and issue resolution.

Designed and implemented a distributed multi-channel rating system which allowed the Esurance website to handle different types of rating requests in different ways using VB 6.0, COM+, transactions, stored procedures, and T-SQL using MS-Sql Server.

**Dev. Manager/Architect, Music Buddha, Inc. San Francisco, CA 1/2000 – 9/2001**

*Music Buddha was the premier music technology and research company focused on providing consumer recommendations using proprietary technology. They received numerous accolades from publications including Time and the Wall Street Journal. I played a major role in creation of the company's core technology and business processes. Roles included Engineer, Architect, and Manager.*

Led a team of 3 people which designed and developed a three-tier work-flow management system using VB 6.0, COM+, transactions, mp3 encoding, stored procedures, and T-SQL using MS-Sql Server.

Led a team of 3 people to design and develop a series of web-based applications which were based on Music Buddha's proprietary music search technology using ASP, audio streaming, HTML, VB.6.0, COM+, transactions, stored procedures, and T-SQL using MS-Sql Server.

Designed and developed a WAP front-end based on Music Buddha's proprietary search technology using WML, ASP, COM+, stored procedures, and T-SQL using MS-Sql Server.

Designed and developed a Palm Web Clipping front-end based on Music Buddha's proprietary search technology using WML, ASP, COM+, stored procedures, and T-SQL using MS-Sql Server.

Designed and developed a distributed, web-based music recommendation and research tool using HTML, ASP, COM+, VB 6.0, Flash, stored procedures, and T-SQL using MS-Sql Server.

**Technical Manager, BSG, IIG, CBSI San Francisco, CA 9/1997-12/1999**

*BSG was a professional technology consulting company founded by former Big Six employees which focused on full life-cycle software development projects. Roles included consultant, lead consultant, and technical manager.*

Led a team to determine requirements, analyze, design and develop Esurance's first generation distributed, web-based insurance quoting system using VB 6.0, ASP, COM+, stored procedures, and T-SQL using MS-Sql Server.

Led a integration of Vantive, a CRM application, with existing legacy systems for Hyperion Software including a large-scale data conversion effort using VBA, VB 6.0, stored procedures, and T-SQL using MS-Sql Server.

Led a team to determine requirements, analyze, design and develop a distributed desktop application used to maintain a complex publishing database using VB 6.0, COM, and Oracle for Information Access Company.

Determine requirements, analyze, design and develop a system to integrate a legacy scheduling system with a client-server front end using C and Forte for US West Communications.

Determine requirements, analyze, design and develop a work-flow application for routing credit applications using Lotus Notes for CompUSA.

Significantly enhanced Southwestern Bell's Vantive application using VBA and Oracle.

**Systems Engineer(SED), Electronic Data Systems, Boulder, CO 9/1994-8/1997**

*Electronic Data Systems is one of the largest technology service companies in the world focusing on the outsourcing of all their clients' technology. Roles included Business Analyst and Systems Engineer.*

Responsible for all development and maintenance of Neodata's internal inbound call center application using C, Unix, and Unidata in Boulder, CO.

Responsible for all requirements determination, systems analysis, and testing of Neodata's call center application in Phoenix, AZ.

**Education**

BBA, Management Information Systems, Texas Tech University, Lubbock, TX

**Professional Development**

The Voice of Leadership, AMA  
 Certified ScrumMaster, RallyDev  
 Principals of Effective Facilitation  
 Principals of Management  
 SED, Systems Engineering Development Program

**Best Practices, Process, and Management**

Agile/Scrum  
 Continuous Integration and Testing  
 Test Driven Development  
 Business Process Definition/Design

**Technical Summary**

Languages/Technologies	C, C# .NET, ASP.NET, Adobe Flex 2/Flash, Java, Ruby, ASP, HTML, CSS 2.0, JavaScript, Vb Script, XSD, XML, XSLT, Web Services, ADO.NET, SOAP, WSDL, XSD, UML, Visual Basic 6.0, COM+, MSMQ, Transact-SQL, PL/SQL, SQLXML, PHP
Databases	SQL Server 2000, MS Access, Oracle
Web/Application Servers	IIS 5.0, IIS 6.0, Apache/Tomcat
Methodologies	Agile/Scrum, Test Driven Development, Continuous Integration and Testing
Tools	Visual Studio .NET, MS Visual SourceSafe, NUnit, FlexUnit, Perforce, Clearcase, Subversion, CruiseControl, Fitness, Watir, Visio, Eclipse, Ant, nAnt
Environments	Windows 95/98/2000/NT/XP, Unix, Linux
Enterprise Development	Microsoft Enterprise Library for .Net, Enterprise Development Reference Architecture (EDRA) for .Net, Microsoft Application Blocks for .Net, Cairngorm MVC, Forte, Vantive