
Chief Technology Officer

Creating Cutting-edge Internet Applications

Visionary leader with comprehensive expertise in delivering interactive applications. Over twenty years experience incorporating emerging technologies into new products and services for organizations of all sizes. Proven record of successful management of all phases of a software project, from initial conception through development to deployment and support.

- Forward-thinking - Highly skilled at identifying and evaluating trends, and introducing new technologies and methodologies into organizations.
- Entrepreneurial - founded three companies, formulating strategy, raising capital, and hiring technical team.
- Versatile – does whatever it takes to make a startup company succeed, from making customer presentations to optimizing network performance.

Areas of expertise include:

- Strategic Planning
- Technology Acquisition
- User Experience Design
- Agile Software Development
- Rich Internet Applications
- Web Services
- Telecommunications
- Voice over IP
- Digital Video
- Social Networks
- eCommerce
- Data Center Operations
- Customer Support
- Patents
- Licensing

Master of Science • Electrical Engineering (Computer Science) • Massachusetts Institute of Technology
Bachelor of Science • Art & Design • Massachusetts Institute of Technology

PROFESSIONAL EXPERIENCE

Zingdom Communications/Convoq, Inc., Lexington, Massachusetts **2002-2007**
Chief Technology Officer & Co-Founder

- Developed 3 major releases of presence and instant-messaging-based web and video conferencing product implemented in Flash and ASP.NET, with SOAP Web-services and integration with Salesforce.com.
- Implemented Web services for voice and instant messaging using VoiceXML and CCXML
- Developed Facebook application for enabling fixed and mobile conversations.
- Introduced Agile Software Development methodology.
- Deployed load-balanced, three-tier application supporting thousands of simultaneous voice and video users.
- Acquired third-party technology, negotiated contracts and managed vendor relationships.
- Negotiated agreement with AOL to implement unlimited bot interface.
- Managed customer services, including professional services and level 3 support.
- Authored 7 patent applications (3 granted to date).

MessageMachines, Inc., Boston, Massachusetts **1999 – 2002**
CEO, President, Chairman & Founder

- Created initial product concept for multi-modal instant messaging and mobile (SMS) platform for enterprises and CLECs.
- Raised \$5.6M in angel and venture financing.

- Implemented highly scalable message-switching product on Solaris platform
- Sold company to NMS Communications, Inc.

Lotus Development Corporation/IBM, Cambridge, Massachusetts**1990-1999*****Senior Director, Mobile Communications Group***

- Formulated Lotus strategy for providing mobile and wireless access to Notes and Domino.
- Formed business unit to deliver Mobile Services for Domino, combining three existing businesses and hiring new team members.
- Delivered releases of EasySync products for data synchronization between Lotus Notes and Personal Digital Assistants (PDA's) such as Palm Pilot.
- Designed and developed product for access to Domino data through cell phones and wireless networks.
- Managed distributed development organization and coordinated on-site with IBM in US, EMEA, APAC, and South America.
- Elected to IBM Academy of Technology.

Chief Technology Officer, Emerging Products Group

- Formulated technical direction of Domino applications, including on-line commerce, document management, and internet service provider development frameworks.
- Coordinated with Iris Associates and IBM on database capabilities and Java programmability of Domino applications product line.

Director of Video Products

- Created business unit to provide multimedia communications products for Lotus Notes.
- Delivered multiple releases of Lotus Video Notes, allowing Notes user to create, edit, store, and playback video clips in Notes documents and manage them in a wide area network.
- Negotiated agreement with and managed joint project with Intel to develop Real Time Notes for video and data conferencing over phone, ISDN, LAN, and Internet.
- Delivered multiple releases of Lotus ScreenCam, product to create animation sequences from any Windows application.
- Developed markets for above products in education, media production, and telemedicine.
- Built marketing and sales team to take emerging technology products and build associated businesses.
- Coordinated Lotus multimedia strategy with IBM worldwide.

Director of Advanced Technology

- Created organization to incorporate emerging technologies into Lotus Notes.
- Prototyped potential product concepts and launched product development efforts to build database application development tools, pager gateway, and support for video, telephone connectivity and document imaging for Lotus Notes
- Initiated project to create Lotus presence on World Wide Web
- Established technical direction for Lotus business multimedia products.
- Managed team of engineers and worked with technology partners such as video server and telephone companies to set corporate multimedia strategy.

Bitstream, Inc., Cambridge, Massachusetts**1987 - 1990*****Vice President of Product Development*****Javelin Software Corporation, Cambridge, Massachusetts****1984 - 1987*****Vice President of Engineering*****Computer Corporation of America, Cambridge, Massachusetts****1977 - 1984*****Director, Man-Machine Interfaces Section***

U. S. PATENTS

7,272,662 - Systems and methods for routing messages to communications devices over a communications network

7,263,545 -- System and method for immediate and delayed real-time communication activities using availability data from and communications through an external instant messaging system

7,184,524 – Rules based real-time communication system

7,149,288 - Rules based real-time communication system

7,142,883 - System and method for providing search capabilities and storing functions on a wireless access device

6,983,310 - System and method for providing search capabilities on a wireless device

6,757,530 - System and method for providing wireless device access to scheduling applications

PROFESSIONAL ACTIVITIES

Co-Chair, SIGGRAPH Conference, Boston, 1989.

Member, IEEE.

PUBLICATIONS

Available on request.