Eric Amodio

Summary: Accomplished, highly-motivated software architect/engineer with expertise in all aspects of software development and complete software lifecycle experience with shipping commercial software products and services.

Objective: Obtain a director, architect or principal level software development position where I can utilize and expand my skill set in a dynamic and challenging environment.

Technical Proficiencies

Skills	Excellent architecture and development skills
	Exceptional debugging skills (e.g. dump file analysis)
	Large-scale multithreaded multi-tier application development and debugging
	Agile (Scrum) development practices
	OOD, Design Patterns, Refactoring, UX design
Languages / Technologies	C#, .NET v1-3.5, ASP.NET MVC / WebForms, jQuery, Ajax, HTML / CSS, JavaScript, VB.NET, Remoting, RESTful / ROA Web Services, LINQ, ADO.NET / Entity Framework, Silverlight, WPF, WiX, SQL, VB6, Win32, COM/DCOM, ADO, MSI, C, Java, VBScript, Office APIs, MAPI, TAPI
OSs / DBs / Tools	Windows (all flavors), Microsoft SQL Server, Microsoft Visual Studio, Jira, SVN, Resharper, Firebug, StarTeam, Source Safe, WinDbg, SOS, SandCastle, Virtual PC, VirtualBox, InstallShield

Professional Experience

211me Sudbury, MA
Director of Engineering   October 2009 to December 2009

211me is an iPhone applications and media distribution startup that failed to secure further funding.

- Responsible for managing the team's development process, including introducing agile (scrum) methodologies and issue-tracking using Jira/Greenhopper
- Solely responsible for the design and implementation of a RESTful ASP.NET MVC web service which provides an interface for Vampire Transformer, an iPhone application, to talk to Twitter, yFrog, Posterous, and eventually an in-house image service
- Product owner and sole developer for the corporate web services; also managed the corporate server infrastructure
- Provided key UX design input to the Vampire Transformer app and a new company website

Bettasoft – www.bettasoft.net
Owner   2003 to Present

Bettasoft is a software development company I founded to focus on creating high quality software to increase user productivity. I am solely responsible for all aspects of the business.

Conceived, designed, implemented, shipped, maintain, and support the following:
- Bettasoft.net – An ASP.NET MVC website with online ordering and licensing web services.
- Mail Alert – An award-winning e-mail alert add-in for Microsoft Outlook 2000-2010.
    - v2.5 has been localized into 11 languages.
- TrayThis – A user-friendly shareware taskbar management tool.

Vertical Communications (Formerly Artisoft) Cambridge, MA

For almost 11 years, I was focused on ViewPoint, an n-tier desktop call management application, best described as Microsoft Outlook for your phone. ViewPoint communicates with the Wave IP-PBX to provide a user with a real-time view of their calls, voice mail, contacts, call log, call center statistics, etc. ViewPoint has been localized into 6 languages, is in use by hundreds of thousands of users, and has won numerous awards.

Software Architect / Member of Technical Staff   September 2006 to September 2009

- Technical lead for a scrum team of 14 developers in Cambridge, California and India
- Product owner (shared-responsibility) and sole architect, responsible for the direction, design, implementation, team training, and debugging of the ViewPoint application suite
- Lead the Sapphire project which was a complete rewrite of the original VB-based ViewPoint application suite into C# and .NET.
- Solely responsible for the design and core implementation of the Sapphire project's components: A stateless (web service model) server-side data provider; a public multithreaded, object oriented .NET API (including seamless data paging support and real-time communications with the PBX server); a desktop application with a public .NET add-in API.
- Shipped 2 major releases of the Wave ViewPoint application suite, and 1 major release of the legacy TeleVantage ViewPoint application suite
- Co-designer of the ViewPoint unit-test framework, MSTest-based, to handle behavioral tests as well as simple unit tests
- Responsible for the design and implementation of a WiX merge module for the ViewPoint API and a WiX SDK installer and sample installer.
- Documented, published and presented the ViewPoint API and provided support via web forums
- Responsible for driving co-op recruiting and training at Northeastern University; recruited 4 co-ops that were in the top 5% of their class and who contributed substantially to the project
- Ran bi-weekly brown-bag team lunches to discuss the design of the ViewPoint application suite

Principal Software Engineer   May 1998 to September 2006

- Principal team member of a 6 member team
- Responsible for the design, implementation, debugging, team leading/training of the ViewPoint application, public API, public add-in API
- Spearheaded the project to transform ViewPoint from a monolithic VB3/5 application into a multi-layered VB6 application, built on a new public API and add-in framework. Also responsible for changing our update/notification model from polling to a push based model, by repurposing and extending an existing notification infrastructure between the client and server
- Shipped 9 major releases of the TeleVantage ViewPoint application suite
- Using personal time, I designed and implemented a desktop alert add-in and an instant messaging add-in to our ViewPoint application. Both of these add-ins filled a key customer need, but were either not on the radar or deemed too time consuming. For example, with the IM add-in I was able to adapt and piggyback on an existing notification architecture, which allowed for basic IM support with no required server changes or ripple on any other team. Upon delivery, both became key features in the product and directly contributed to winning many sales
- Designed, implemented, and debugged an H.323 SoftPhone ViewPoint add-in using TAPI
- Solely designed and implemented a rewrite of all our application installers using MSI and, with 2 contractors, the large IP-PBX Server installer. Upon completion this saved many hundreds of man-hours of continuous debugging and support, streamlined the end user experience, and allowed for much greater expandability.
- Responsible for the design, implementation, and debugging of a value-add application that uses incoming caller id (using TAPI and our TSP) and screen pops matches from Microsoft Outlook and GoldMine
- Provided web forum support for third parties with the ViewPoint API or Add-in API

DAC Systems, Inc. Shelton, CT
Software Engineer   January 1997 to May 1998

- Designed and implemented a custom IVR toolkit (a data-driven IVR scripting engine, telephony library with hardware alarming, and administrative console) on which many of our IVR applications were based.

Education

Worcester Polytechnic Institute Worcester, MA   August 1993 to December 1996
B.S., Electrical and Computer Engineering with Computer Science Specialization