

# Victor Cosby

Software Consultant and Web Developer

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## Objective

Build usable, efficient, elegant, and pragmatic software systems and web applications.

## Profile

- Over 12 years multidisciplinary background in the design, programming, and support of software solutions for the consumer software and health information technology industries.
- Proven ability to gather requirements and design mission-critical systems on schedule and within budget.
- Experienced in object-orientation, test-driven design, and agile practices.
- Strong design, analytical, problem solving, and debugging skills.
- Quick to learn new technologies, languages, APIs, and business domains.
- Experience in project management, technical leadership, production control, and systems administration.
- Commitment to W3C standards, user-centered design, and usability testing.
- Solid communication and writing skills coupled with background in technical documentation, support, quality assurance, and training.

## Professional Experience

### Software Consultant and Web Developer

**Cosby Ventures LLC** <[www.cosbyventures.com](http://www.cosbyventures.com)>

**Bainbridge Island, Washington**

**2006-Present**

Independent software consultant specializing in web applications built in Ruby on Rails, standards-based markup, CSS, search engine optimization, JavaScript, Ajax, and database design.

### Lead Software Engineer

**GE Healthcare** <[www.gehealthcare.com](http://www.gehealthcare.com)>

**Seattle, Washington**

**2001-2006**

Lead developer for the eHealth web-based products Centricity Patient Online and Centricity Referring Practice Online, providing patients, physician offices, hospitals, and integrated delivery networks access to healthcare data and services including electronic medical records, billing, electronic visits, prescriptions, health alerts, and referral automation and messaging.

Designed and implemented scalable web applications and reusable server-side components. Integrated internal and third party systems across diverse platforms using REST and SOAP. Provided technical leadership and expertise in Java, C#, .NET, Ruby, JavaScript, Web Services, and Ajax. Coded Ajax widgets to

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interface with JSON, SOAP, and REST web services. Prototyped new features in Ruby on Rails. Used Ruby for code generation and task automation.

Maintained, refactored, and supported legacy systems. Evaluated emerging technologies and tools on R & D team. Lead code reviews and technical meetings and mentored junior engineers.

Drove team toward the adoption of standards, agile processes, use cases, user stories, and test-driven development. Improved collaboration and communication for a geographically distributed team using wikis and web-based project management tools. Acted as strong advocate for the patient.

### **Lead Web Technologist and Developer**

**Adobe Systems** <[www.adobe.com](http://www.adobe.com)>

**Seattle, Washington**

**1998-2000**

Lead developer, technologist, and production coordinator for the customer support section of Adobe.com <[www.adobe.com/support](http://www.adobe.com/support)> and the Adobe Forums <[www.adobe.com/support/forums](http://www.adobe.com/support/forums)>. Worked closely with designers, editors, and project managers to shift the business of supporting Adobe software to the Web.

Led team of designers and developers in design, production and project planning meetings. Designed web pages, forms, and databases, and built some of the first web-based support tools for Adobe in Perl, C++, and JavaScript.

Co-developed the Adobe User to User Forums community (over 125,000 registered users) as featured in *Defensive Design for the Web* by 37signals (New Riders Press). Coordinated site updates for product releases and upgrades. Trained and mentored junior developers.

### **Senior Support Engineer**

**Adobe Systems** <[www.adobe.com](http://www.adobe.com)>

**Seattle, Washington**

**1995-1997**

Technical lead, writer, and trainer for Adobe web design desktop applications. Provided prompt and comprehensive technical assistance via phone and e-mail.

Black box QA testing. Technical writing and review for Adobe.com support database, AdobeMagazine.com, Adobe Press, read-me files and software manuals.

## **Technical Skills**

### **Programming/APIs**

Ruby, Ruby on Rails, Java, .NET, C#, Perl and CGI.PM, Python, PHP, Visual Basic 5/6, HTML, CSS, XHTML, W3C standards (WAI, 508), JavaScript, DOM Scripting, Ajax, XML, XSL, XPath, Java servlets, JSP, SOAP, web services, ASP and VBScript, and ASP.NET. Some work with Macromedia Flash and ColdFusion.

## **Platforms**

Linux (Ubuntu, Gentoo, Red Hat, Caldera), Unix (Solaris, FreeBSD), Mac OS 7-X, Windows NT/2000/XP.

## **Databases**

ANSI-SQL, stored procedures, MySQL, Postgresql, Microsoft SQL 7/2000, ADO, ADO.NET, DTS, Microsoft Access, Lotus Notes.

## **Servers**

Nginx, Mongrel, Apache, Tomcat, Microsoft IIS , Macromedia ColdFusion.

## **Techniques**

Test-driven development, UML, use cases, story and CRC cards, design patterns, code generation.

## **Tools**

Unix tools and shells (vi, emacs, grep, ftp, scp, ssh, bash, tcsh), Cygwin, TextMate, SubEthaEdit, JEdit, BBEdit, HTMLKit, Eclipse, NetBeans, JUnit/ NUnit, Ant/NAnt, Subversion, TortoiseSVN, Firefox Web Developer Tools, FireBug and Venkman JavaScript debugger, Visual Studio.NET, Visual SourceSafe, WinMerge, Adobe Photoshop, Acrobat, DreamWeaver, and Fireworks.

## **Training**

- Ruby on Rails Studio — Pragmatic Programmers, 2006
- Effective Software Development: Design Patterns, Unit Testing, Refactoring, and Test-Driven Development — NetObjectives, 2004
- Essential ASP.NET — DevelopMentor, 2003
- Advanced Java: Multi-threading, Collections, Performance, Security, Servlets, XML/XSLT, and Deployment — SoftSolve, 2002
- Web Sites That Work — User Interface Engineering, 1999
- Principles of Project Management — The Versatile Company, 1999

## **Education**

University of Washington, Seattle, WA — 1993-2004

- Certificate in E-commerce and Database Programming
- Certificate in Perl Programming
- Certificate in Film and Video Production
- Course in Java Programming

Indiana University, Bloomington, IN — B.A. in Political Science (*Magna Cum Laude*), 1990.

University of California, Irvine, CA — Courses in economics, politics, statistics