



:: summary ::

Tyson Vanek is a ColdFusion expert. He has been building ColdFusion applications for 15 years. He is an Adobe Certified and BrainBench Master Certified ColdFusion Developer. When it comes to development and leadership in the area of ColdFusion development, it would be a challenge to find anyone with as much experience as Tyson. In addition to his ColdFusion development and leadership accomplishments, Tyson has also managed small and mid-sized web development teams. Tyson also has significant experience leading and mentoring ColdFusion developers of all skill levels.

My work has included:

- × Management of small and mid-sized web development teams
- × Technical Team lead on various complex ColdFusion web applications
- × Implementation of clustered, fault-tolerant production infrastructures
- × Extensive experience with server and application performance tuning
- × Mentoring development teams in the area of ColdFusion development and best practices
- × Development of large, database driven ColdFusion applications
- × Assisting clients in the interview process of potential ColdFusion developers and senior ColdFusion developers
- × Authoring ColdFusion exams and screening exercises to be used by companies screening potential job candidates
- × Wide spread knowledge and expertise of numerous internet technologies

Tyson can accurately be classified as a powerhouse hybrid of technical expertise, user experience savvy, performance engineering mastery, and hands-on customer relations. A unique breed, Tyson is just as comfortable in the trenches as a lead technical architect to a supporting development team as he is sitting in the board room and engaging directly with executive management. Tyson has managed a successful career as an independent consultant for the past 8 years, including work for numerous FORTUNE 500 clients like Costco Wholesale Corporation, Discover Financial Services, Thermo Fisher Scientific, Abbott Laboratories, and others. With over 15 years of experience, Tyson is considered a ColdFusion expert as well as a subject matter expert in the areas of database and web application design, development, and implementation. Tyson has also served as a contributing author and conference speaker on numerous occasions with an emphasis on application throughput, performance engineering, and scalability.

Tyson particularly prides himself on treating each and every project as if it were his own, jointly vested in highly successful outcomes for his customers.

:: technical experience ::

Team Lead / Management Skills	10 years
Adobe ColdFusion (All Versions)	15 years
Macromedia Spectra	3 years
FuseBox Development Methodology	4 years
Microsoft SQL Server	11 years
Microsoft Internet Information Server (IIS)	10 years
JavaScript	8 years
Javascript Frameworks (jQuery, Prototype)	1 years
UNIX Operating Systems	5 years
Apache Web Server	4 years
Adobe Photoshop	10 years
CFEclipse IDE	2 years
ColdFusion Studio/HomeSite+	8 years
Oracle	4 years
Adobe Flash	4 years
Adobe Dreamweaver	2 years
HTML	15 years
Cascading Style Sheets (CSS)	8 years
Structured Query Language (SQL)	11 years
Windows Operating System Administration	10 years

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:: contact info ::

Tyson Vanek
10494 Aldridge Drive
Huntley, IL 60142
Ph: 847-515-4120
tyson@coldfusionmaster.com

- » Download vCard
- » PDF Resume
- » LinkedIn
- » CF Developer Network

:: professional experience ::

Independent Contractor (10/2002 - Present)

I am currently operating as an independent contractor with a focus on assisting clients in need of ColdFusion expertise. I am able to work both on site at the client location or remotely from my home office where I am connected via a broadband connection. I assist clients with anything from basic troubleshooting to full life cycle application development. I am open to working directly with clients in need or working through consulting agencies that are looking to outsource projects.

Thermo Fisher Scientific (Consulting Lead Architect) (04/2010 - Present)

Functioning in the role of Lead Web Architect, I am directly responsible for all technical aspects supporting two major e-commerce platforms for this Fortune 300 client. In addition to server and database management, I also deliver continuous maintenance and improvement to the existing web applications utilizing ColdFusion, SQL Server, jQuery, HTML/CSS, etc. I am also heavily involved in various SEO and Google Analytics efforts in order to better position Thermo Fisher Scientific ahead of its competitors in the online marketplace.

Technologies: ColdFusion, MS SQL Server, SQL, IIS, ColdFusion Builder, HTML, JavaScript, jQuery, XML, SEO, Google Analytics, and many others.

Costco / Wireless Advocates (Consultant) (09/2009 - 04/2010)

As one of two consulting Technical Leads, I facilitated the design, development, and implementation of a large-scale e-commerce platform for Costco supporting their cellular phone business. The platform utilizes a simple yet robust ColdFusion MVC application framework of my own design, an extensive SQL Server data warehouse and catalog processing system, as well as a clustered, fault-tolerant production environment. I played a key role in helping the customer to define and prioritize project requirements. This project launched on Monday, March 22, 2010 with great success - generating \$100,000 in sales during its first 4 weeks and processing an average of 50 customer orders per day.

Technologies: ColdFusion 8, SQL Server 2008, SQL, Windows Server 2008, IIS, Flash, Subversion, HTML, JavaScript, jQuery, Scriptaculous, Prototype, XML, SEO, Google Analytics, and other.

Webapper Services, LLC (Principal Consultant) (10/2006 - 04/2010)

Functioning in the role of Principal Consultant, I performed many services for Webapper and their customers. In some cases, I functioned as a Technical Lead or Senior Architect, assisting customers seeking long-term application design and development services. In other cases, I provided laser-focused spot consulting to customers in critical need of high level services - infrastructure analysis, server tuning, application tuning, troubleshooting, code optimization, caching techniques, and database optimization. As a consulting member of Webapper, I had the pleasure to assist such customers as Cornell University, University of Virginia, Willard Bishop, SiteVision, TargetSafety, Costumes Inc., and more.

Discovery Communications (Lead Technical Architect) (10/2002 - 10/2006)

Serving as Lead Technical Architect, I was instrumental in the design, development, support, and evolution of a massive online video streaming portal targeted towards K-12 educational institutes and powered by a ColdFusion framework and interface. This platform penetrated nearly 80% of the U.S. education system, sold on state-wide levels to the state education boards in numerous states. The site was an organized subscription-based portal allowing teachers and students to collaborate around streaming educational videos. The infrastructure for this platform included a large cluster of ColdFusion application servers, an active-passive cluster of SQL Servers, as well as a cluster of media streaming servers - all of which I was instrumental in designing, deploying, and managing.

RemoteSite Technologies (10/2001 - 10/2002)

As a Senior Technologist, my role included client meetings, database design, application architecture, code development, testing and launching into production environment. I was often asked to travel to client sites and assist them with development efforts or troubleshooting. I also delivered Performance Analysis and Tuning engagements in an effort to maximize performance and stability of ColdFusion server implementations.

Technologies: ColdFusion, Spectra, MS SQL Server, Oracle, SQL, Windows NT/2000, IIS, Apache, Dreamweaver, ColdFusion Studio, Flash, ClusterCats, SilkPerformer, Visio, ERWin, HTML, JavaScript, DHTML, XML, WDDX, and many others.

duoDesign

(5/2001 - 10/2001)

I served as a Technical Lead where my role on projects typically included initial client meetings, database design, application architecture, code development, testing and launching into production environment. In addition, I also served as a mentor and leader to other developers with regards to application design and development best practices.

Technologies: ColdFusion, MS SQL Server, SQL, Windows NT/2000, IIS, ColdFusion Studio, Dreamweaver, Adobe Photoshop, Flash, Visio, ERWin, MS Project, FuseBox, HTML, JavaScript, DHTML, XML, WDDX, and many others.

Macromedia, Inc. (formerly Allaire) (6/2000 - 5/2001)

Serving as a Senior Consultant, my role typically included mentoring and assisting in the design of complex ColdFusion/Spectra applications. In addition, I spent much time interacting with the client in order to ensure that their needs were being met on the project as I led the development team in building the applications.

Technologies: ColdFusion, Spectra, MS SQL Server, Oracle, SQL, Windows NT/2000, UNIX/Solaris/Linux, IIS, iPlanet (Netscape) Web Server, Apache, ClusterCats, SilkPerformer, ColdFusion Studio, Dreamweaver, Adobe Photoshop, Visio, ERWin, MS Project, HTML, JavaScript, DHTML, XML, WDDX, and many others.

Quest Technologies (4/2000 - 6/2000)

In the role of Technical Team lead, I led a development team in building a large Business-to-Business E-commerce business portal. My role included leading a team of developers in the design and development of this application with ColdFusion. I also spent time with the development team establishing development guidelines and best practices to be implemented throughout the development of the application.

Technologies: ColdFusion, Oracle, Windows NT, UNIX, IIS, iPlanet (Netscape) Web Server, ColdFusion Studio, Dreamweaver, Visio, ERWin, HTML, JavaScript, DHTML, and many others.

EDP Contract Services (8/1999 - 4/2000)

I served as a Senior Consultant on assignment at Abbott Laboratories. My role included mentoring other developers with ColdFusion and serving as the technical lead for several large-scale intranet projects utilizing ColdFusion. I also served as a general subject matter expert on ColdFusion development and best practices.

Technologies: ColdFusion, MS SQL Server, SQL, Windows NT, IIS, ColdFusion Studio, Dreamweaver, Adobe Photoshop, Visio, HTML, JavaScript, DHTML, and many others.

Lockheed Martin, IMS (now Neustar) (2/1999 - 8/1999)

Serving as the Manager of Web Services, I provided leadership and direction in designing and implementing a company wide web-based intranet. I managed three other developers facilitating in the development of the intranet, built primarily with ColdFusion.

Technologies: ColdFusion, MS SQL Server, SQL, Windows NT, IIS, ColdFusion Studio, Dreamweaver, Adobe Photoshop, Visio, ERWin, MS Project, Net-It Central Document Management Software, Flash, HTML, JavaScript, DHTML, and many others.

Guidance Solutions (4/1998 - 2/1999)

In the role of Technical Team Lead, I was often in charge of small groups of developers on each web project. ColdFusion development accomplishments included e-commerce applications for clients like Foot Locker, Eastbay and eMind.

Technologies: ColdFusion, MS SQL Server, Oracle, SQL, Windows NT, IIS, ColdFusion Studio, Adobe Photoshop, Visio, ERWin, HTML, JavaScript, and many others.

Smith, Bucklin and Associates, Inc. (6/1996 - 4/1998)

As a developer in the Electronic Communication Services division, I was responsible for building applications utilizing ColdFusion, MS SQL Server and Oracle. I often met with our internal clients to discuss their needs, gather requirements, create documents and flowcharts, develop prototypes, and build applications upon client approval. I was also specifically tasked with building many small, configurable and reusable ColdFusion packaged applications that could easily be sold over and over to our different clients.

Technologies: ColdFusion, MS SQL Server, SQL, Windows NT, IIS, ColdFusion Studio, Adobe Photoshop, Visio, ERWin, HTML, JavaScript, and many others.

Internet Professionals, Inc. (6/1995 - 6/1996)

Originally hired to assist in sales, I moved into web development after a few months. I often met with clients to assess their needs. Additionally, I was responsible for building web sites utilizing HTML and graphic design with Photoshop. Towards the end of my time with Internet Professionals, I was first introduced to web and database application development with ColdFusion and Microsoft Access.

Technologies: ColdFusion, MS Access, Windows NT, IIS, Netscape Web Server, ColdFusion Studio, Adobe Photoshop, Visio, HTML, JavaScript, and many others.

:: clients ::

Here are just a few clients I have had the opportunity to assist.

Abbott Laboratories	Google
Adelphia Communications	Lockheed Martin
AT&T	Neustar
BrainBench	Pomegranate, Inc.
Chicago Mercantile Exchange	Research Triangle Institute
Costco Wholesale Corporation	Thermo Fisher Scientific
Costumes Inc.	United Streaming
Discover Financial Services	Univeristy of Virginia (PALS)
Discovery Communications	Univeristy of Virginia Health Systems
Eastbay	Voice of America
Footlocker	Williams-Sonoma
Georgia System Operations Center	YouTube

:: certifications & credentials ::

- × Adobe Certified ColdFusion Developer
- × BrainBench Master Certification - ColdFusion
(5th highest score worldwide)
- × BrainBench Master Certification - HTML
- × BrainBench Typing Speed and Accuracy Certification
- × Author of various BrainBench ColdFusion Certification Exams
- × Contributing author for Inside ColdFusion MX book
(Publish Date: August 15, 2002)
- × Featured Conference Speaker
(CFUNITED 2007 - Are You "Cashing In" on Cashing?)
(Read a third-party review of my presentation.)

:: education ::

Illinois State University

- × Applied Computer Science
- × Music Performance / Education

:: references ::

Steve Haas
Director of Business Development
Wireless Advocates, LLC
Ph: 206-428-2309

Michael Silverman
Chief Executive Officer
duoDesign
Ph: 312-529-3010

Doug Salcedo
Project Manager (Consultant)
Costco / Wireless Advocates
Ph: 206-724-5595

Fred Salchli
Chief Technical Officer
duoDesign
Ph: 312-529-3008

Patrick Quinn
President & CTO
Webapper Services, LLC
Ph: 970-223-2278

Kelly Tetterton
Technical Lead
duoDesign
Ph: 312-529-3014

Kip Bowes
VP, Worldwide Professional Services
Allaire Corp. / Macromedia, Inc.
Ph: 630-717-6281

:: contact information ::

Tyson Vanek
10494 Aldridge Drive
Huntley, IL 60142
Ph: 847-515-4120
Em: tyson@coldfusionmaster.com

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[CF Developer Network](#) «

:: recommendation letters ::

Doug Salcedo
Sr. IT Consultant
Strong-Bridge LLC
(206) 724-5595

April 27, 2010

To Whom It May Concern:

My name is Doug Salcedo and I am a Senior IT Consultant with over 25 years of experience. Since June of 2009, I have been the Program/Project Manager for the design and implementation of a major retail site, www.membershipwireless.com. A major component of the project initiation phase was sourcing and ramping in contract developers to support the design and construction of the site and support systems.

Tyson Vanek was chosen for the lead developer role primarily due to his ecommerce development and ColdFusion performance engineering experience. However, a significant portion of the decision was based on his ability in the interview stage to grasp the architectural design space of both the business and technical of the side of the solution better than any other developer we had encountered. This is an uncommon ability in most developers.

Once engaged, Tyson proved time and again his ability to solution, create prototypes, alter based on need, and then move forward with production code. What was surprising was his turnaround times and high quality of work. In a few words, Tyson "cranks". He is very productive and can accomplish in a few hours what my experience would have said should have taken 1-2 days. In addition, Tyson thinks holistically and anticipates needs through his sense for business logic and user needs. He will continually suggest and add value to the design in excess of the basic need. Usually you trade off work characteristics. With Tyson, you don't have compromises. He fires on all cylinders.

I'm sure this sounds this sounds pretty "beyond the pale", but in my years of experience, Tyson ranks in my "Top 5" designer/developer professionals list.

On a bang-for-the buck basis, Tyson can replace two "standard" CF developers. There is an aspect that can't be measured, though, in how he communicates, collaborates and closes. When I say "closes" I mean that he always finishes what he starts and does on time.

I would engage Tyson again on any CF based project I would manage, as it would be like putting money in the bank, both figuratively and literally.

If you have any questions, please feel free to contact me at (206) 724-5595.

Doug Salcedo
Sr. IT Consultant
Strong-Bridge LLC

Kenyon D. Bowes
839 Mobile Court
Naperville, IL 60540
(630) 717-6281

December 15, 2002

Dear Sir or Madam:

The purpose of this letter is to provide my unconditional recommendation of Tyson Vanek and give you some insight into his contributions as part of my organizations at Allaire Corp. and Macromedia, Inc. During this period I was VP, Worldwide Professional Services for these organizations.

Tyson worked in the Professional Services organization at Allaire Corp. and Macromedia, Inc. as a Senior Consultant. As a Senior Consultant, Tyson's role was to travel to customer sites, often under stressful and unplanned conditions, to assist customers in successfully implementing our technology products. This role required our Consultants to not only provide a strong technical solution, but also to demonstrate well developed Customer Service and Communication skills. Tyson excelled in this role.

Tyson is a hard-working self-starter who invariably understood the goals of our organization and delivered top-notch services to our customers. Tyson is a resourceful, creative, and solution-oriented person who was frequently able to come up with new and innovative approaches to his assigned projects. He functioned well as a team leader when required, and also worked effectively as a team member under the direction of organization management. On the interpersonal side, Tyson has superior written and verbal communication skills. He got along extremely well with colleagues, as well as management.

In closing, as detailed above, based on my experience working with him, I can unreservedly recommend Tyson Vanek to you. If you would like further elaboration, feel free to call me at (630) 717-6281.

Sincerely,

Kenyon D. Bowes
(Former) VP, Worldwide Professional Services
Allaire Corp. / Macromedia, Inc.

October 12, 2002

To Whom It May Concern:

I am writing this letter of recommendation on behalf of Tyson Vanek, a member of our consulting services team at Allaire (later Macromedia). Tyson worked as a Senior Consultant on the team for approximately one year.

During his technical screen which I conducted, Tyson impressed me with his solid knowledge of ColdFusion, databases, Windows NT, and Internet technologies. His strong communication skills, candor, professionalism, and overall interest in Allaire as a company made him an ideal fit for our team.

As a Senior Consultant, Tyson was tasked with learning all of our packaged Allaire ColdFusion and Allaire Spectra service offerings which he did successfully. Tyson worked with several of our clients throughout North America, and spent a considerable amount of time with one of our marquee accounts, the Chicago Mercantile Exchange.

Tyson was a team player assisting and mentoring others where possible. It was not unusual for me to hear from Tyson's colleagues complimenting him on his willingness to help and on his overall technical skill level. Overall, he demonstrated outstanding technical acumen and consultant savvy with our clients.

Tyson should be strongly considered for any type of consulting, lead architect, or project management position dealing with Allaire (now Macromedia) products and related technologies. If I can provide further information, please feel free to contact me at 513-484-7586.

Sincerely,

Grant I. Szabo
(Former) Director, Worldwide Professional Services (Jan 2000 - Nov 2001)
Allaire Corp. / Macromedia, Inc.

duoDesign
180 North Wacker
Suite 001
Chicago, IL 60606
312.529.3008
fred@duodesign.com

September 28, 2001

Dear Sir or Madam:

I am writing to recommend Tyson Vanek. Tyson reported to me at duoDesign, a web development firm, in the position of Technical Lead. Tyson's responsibilities included, but were not restricted to, requirements gathering, database design, site architecture, implementation, testing and deployment. In addition, Tyson managed junior developers on the projects he worked on. Over the course of several months he worked on a number of projects and in all cases the work was of excellent quality and was delivered on time.

Tyson is an expert at web development. He understands the limitations and strengths of Internet architecture and builds applications that leverage this knowledge. His skills in ColdFusion programming are the best I have ever encountered. Once again, Tyson understands the weaknesses and strengths of the application server and development environment and is able to take advantage of the strengths while compensating for the weaknesses. He was also a great mentor to the rest of our staff with respect to knowledge transfer.

Tyson is great to work with. His demeanor is fun and he communicates well with co-workers and clients alike. I can recommend Tyson without reservation. Please feel free to contact me directly at 847.491.3118 if you have further questions.

Sincerely,

Frederic Salchli
CTO, duoDesign

duoDesign
180 North Wacker
Suite 001
Chicago, IL 60606
312.529.3014
kelly@duodesign.com

September 26, 2001

To Whom It May Concern:

I had the pleasure of working with Tyson for the last five months at duoDesign. We were the two designated Technical Leads, so we had occasion to architect projects together, as well as set programming standards for the company as a whole. He was wonderful to work with in that capacity, because he brought both real-world programming expertise and long-term business goals planning to the table.

Tyson was also generous with his knowledge in a way that few people are. He was more than happy to offer impromptu tech discussions to explore a particular facet of programming that none of the rest of us had ever dealt with before, and he was equally willing to walk through any aspect of a particular application that anyone had any questions about.

I highly recommend Tyson for whatever position he may decide to take next. He would be an asset to any team both because of his programming skills and because of his ability to focus on the business needs at hand.

Sincerely,

Kelly Tetterton
Technical Lead
duoDesign
