

James B. Link

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Web Developer and Programmer with PHP or ColdFusion, and SQL Server or MySQL

Team player and individual contributor · Experienced with both PHP and ColdFusion, and MS SQL Server and MySQL database design and implementation · Focused on integration of databases with Web pages · Expert in ease of use and accessibility for Web site users · Determined, innovative, self-initiator · College instructor in HTML and CSS, ColdFusion and PHP, and JavaScript with jQuery · Working knowledge of Laravel and Eloquent, and Angular and Angular JS

- TECHNICAL SUMMARY -

39 years designing, programming, teaching, testing, implementing, and managing software systems and Web applications, including:

PHP	14 years
MySQL	10 years
MVC frameworks for PHP (CodeIgniter, Kohana, Yii)	7 years
HTML5, HTML, and XHTML	23 years
CSS3 and CSS	20 years
JavaScript	21 years
jQuery	7 years
React JS	Working knowledge
Angular and Angular JS	Working knowledge
AJAX	10 years
ColdFusion	17 years (versions 4 through MX and CF10)
SQL Server	10 years
MVC frameworks for ColdFusion (Fusebox)	5 years

- EDUCATION and CERTIFICATION -

Six Sigma Specialist Certification - Raytheon - Garland TX	2009
Certification as a Competent Toastmaster - Toastmasters International	1980
M.A., Linguistics - University of Texas at Arlington - Arlington TX	1978
B.A., Chemistry - University of Virginia - Charlottesville VA	1972

- DETAILED EXPERIENCE -

Freelance PHP and MySQL Web Developer July 2020 – present

- Updating and enhancing several customer-facing websites. Working remotely from home.
- Also updating and enhancing internal (admin) sections of these sites.
- Tools used: PHP 5 and 7, MySQL and MariaDB, JavaScript, jQuery, HTML5, CSS3, AJAX, PuTTY, git, and SourceTree.

PHP and MySQL Web Developer June 2018 – July 2020
Continental Electronics Corp., Dallas, TX

- Designing, creating, and testing a PHP- and jQuery-based system of pages to display critical data from a TV transmitter on an embedded Raspberry Pi CPU and LCD screen.
- Data are encoded in JSON text files, which are read and converted to internal PHP objects for processing and display. The data files are refreshed every 2 seconds.
- The main display page uses dynamically-refreshed SVG images to show the status of various transmitter components. I created the SVG images.
- Also, designing and creating command-line interface (CLI) terminal apps for controlling other high-powered radio transmitters.
- Tools used: PHP 5, Apache 2, Ubuntu 16, Debian “Jessie” Linux, HTML5, CSS3, w3schools.com RWD, JavaScript, jQuery, GIMP, InkScape, PuTTY, Linux C, and Tortoise SVN.

PHP and MySQL Web Developer April 2016 – December 2017
Primal Health LP, Allen, TX

- Maintaining a custom Customer Relationship Management (CRM) system in PHP and MySQL.
- Correcting numerous security and coding weaknesses in the PHP processes.
- Designing, developing, and testing enhancements to the CRM system.
- Tools Utilized: PHP 5, MySQL 5, HTML5, CSS3, JavaScript, jQuery, PuTTY, GitHub, CloudFlare

PHP and MySQL Web Developer (contractor) July 2014 – January 2016
Bank of America, Addison, TX

- Designing, developing, and testing a new internal site to generate security metrics charts and information.
- Tools Utilized: PHP 5, MySQL 5, HTML5, CSS3, JavaScript, jQuery, CodeIgniter

PHP and MS SQL Server Web Developer (contractor) June 2014 - June 2014
Multiview, Irving, TX

- Designed, developed, and tested enhancements to internal administrative Web sites which generate ad orders using Web services.
- Tools Utilized: PHP 5, MS SQL Server, HTML5, CSS3, JavaScript, jQuery, Laravel, Eloquent.

ColdFusion Web Developer (contractor) November 2013 - June 2014
Rent-A-Center, Plano, TX

- Designed, developed, and tested enhancements to internal administrative Web sites.
- Tools Utilized: ColdFusion 9, MS SQL Server, HTML5, CSS3, JavaScript, jQuery, ColdFusion Builder IDE.

Adjunct Faculty Instructor (Part-time, evenings) August 2000 to Present
Richland College, Dallas, TX

- Designed and published (on the Web) four courses of instruction.
- I teach two **evening** courses per semester, as a part-time instructor.
- The courses can be viewed at <http://www.mmlab2.rlc.dcccd.edu/faculty/link>
- Subjects taught: HTML5 and CSS3, PHP and MySQL, JavaScript and jQuery, Advanced HTML and CSS, and ColdFusion.
- (Concurrent with Primal Health, Bank of America, Multiview, Rent-A-Center, Youtoo, Bridge Metrics, Surgisoft, Equator, AT&T, Raytheon, SBC Operations, Tribal DDB, Dreamlab, Slingshot, and imc²)

Freelance PHP Web Developer November 2012 - May 2014

- Designed and developed an e-commerce Web site. (Company undisclosed due to NDA.)
- Emphasis on CodeIgniter MVC framework and OOP.
- Tools Utilized: PHP, CodeIgniter MVC, MySQL, HTML5, CSS3, JavaScript, jQuery.

PHP Web Developer (contractor) September 2013 - November 2013
Youtoo, LLC, Irving, TX

Tools Utilized: PHP 5, Yii MVC, Kohana MVC, MySQL 5, HTML5, CSS3, JavaScript, jQuery, NetBeans IDE and editor.

- Designed, developed, and tested enhancements to the Youtoo.com Web site and its affiliate sites.
- Emphasis on Yii MVC and Kohana MVC frameworks.
- Utilized OOAD and OOP.

PHP Web Developer May 2013 - August 2013
Bridge Metrics, LLC, Allen, TX

Tools Utilized: PHP 5, MySQL 5, Kohana MVC, HTML5, CSS3, JavaScript, jQuery.

- Designed, developed, and tested fixes and enhancements to Bridge Metrics' lead tracking system.
- Emphasis on Kohana MVC framework.

- Utilized OOAD and OOP.
- Met daily with the team leader to plan the issue tickets to work on.
- Documented the database schema.
- Created detailed documents of design and implementation decisions.

ColdFusion Application Developer

July 2011 - April 2013

Surgisoft, LLC, Lewisville, TX

Tools utilized: ColdFusion 8 and 9, SQL Server, HTML, Javascript, jQuery, and CSS.

- Designed, developed, and tested fixes and enhancements to the Web-based medical parts tracking system.
- Utilized OOAD and OOP.
- Met frequently with team lead and other developers to discuss current issues.
- Documented the database schema.
- Created detailed documents of design and implementation decisions.

ColdFusion and SQL Server Web Developer (contractor)

April - June 2011

Equator Financial Solutions, Plano, TX

Tools utilized: ColdFusion 8, SQL Server, HTML, CSS, JavaScript

- Met weekly with the development team to plan enhancements.
- Investigated, resolved, and tested fixes to the beta version of Equator's Web-based financial services system.

ColdFusion and SQL Server Web Developer (contractor)

February - April 2011

AT&T, Plano, TX

Tools utilized: ColdFusion 8, SQL Server, HTML, CSS, JavaScript

- Investigated, resolved, and tested fixes to a new version of the AT&T financial systems Web-based agent compensation system.
- Met daily with the development team to discuss changes and focus.

ColdFusion and SQL Server Web Developer November 2005 to February 2011

Raytheon, Garland, TX

Tools utilized: ColdFusion 7, SQL Server, Fusebox MVC, CFAjax, JavaScript, CSS, DHTML, Oracle, UNIX shell scripts, and IBM InfoSphere Datastage.

- Designed, implemented, and tested modifications to internal payroll and accounting systems.
- Used Fusebox MVC framework for ColdFusion.
- Met weekly (virtual conference calls) with the IT Development team (composed of about 15 developers in various locations around the country).
- Talked frequently with other team members, mostly via tele-conference and computer screen sharing.
- In addition to my main development work, I also initially taught the team some ColdFusion principles and did extensive training of the team in JavaScript.

- Designed and developed three large Web-based financial systems that allow the Finance group to manage cost transfers among accounts, timecard audits, and merit pay awards.
- Documented the database schema.
- Created detailed documents of design and implementation decisions.

Freelance PHP and MySQL developer September 2010 to September 2012
DJ's Guns, Garland, TX

Tools utilized: PHP 5, MySQL 5, XHTML, CSS, and JavaScript

- Designed and implemented a former version of this e-commerce site:
<http://www.djsgunstx.com>
- (Concurrent with Raytheon)

Freelance asp.net/vb.net and SQL Server developer July 2009 to April 2012
GoStageCoach, Dallas, TX

Tools utilized: asp.net/vb.net, SQL Server, HTML, and CSS

- Designed and implemented a former version of this e-commerce site:
<http://www.gostagecoach.com>
- (Concurrent with Equator, AT&T, and Raytheon)

Freelance ColdFusion and SQL Server developer November 2008 to 2010
Vendarama, Carrollton, TX

Tools utilized: ColdFusion 7, ColdFusion 8, ColdFusion 9, SQL Server, XHTML, and CSS.

- Designed and implemented this e-commerce site:
<http://www.vendarama.com>
 (Concurrent with Raytheon)

Freelance ColdFusion and SQL Server developer September 2007 to 2010
Haunted House Ratings, Carrollton, TX

Tools utilized: ColdFusion 6, ColdFusion 7, SQL Server, XHTML, and CSS.

- Designed and implemented this e-commerce site:
<http://www.hauntedhouseratings.com/>
- (Concurrent with Raytheon)

Freelance PHP and MySQL developer July 2007 to July 2009
Installers Depot, Van Nuys, CA

Tools utilized: PHP 5, MySQL 4 and 5, HTML, CSS, and JavaScript

- Added new functions and features to the existing site using osCommerce PHP e-commerce engine and MySQL. <http://www.installersdepot.com>
- Repaired one of osCommerce's SQL queries that was broken in their release/production code.
- (Concurrent with Raytheon)

ColdFusion Web Programmer May 2005 to October 2005
QBOS, Inc., Addison, TX

Tools utilized: ColdFusion MX, JavaScript, SQL Server, HTML, DHTML, and CSS.

- Maintained, and developed new features for, the QBOS Web-based business management system.
- Created detailed documents of design and implementation decisions.

ColdFusion Application Developer
SBC Operations, Dallas, TX

February 2004 to May 2005

Tools utilized: ColdFusion MX, JavaScript, SQL Server, HTML, DHTML, and CSS.

- Maintained, and developed new sections for, the SalesOne Intranet site for SBC Operations' Proposal Center.
- Also served as Manager, Proposal Administration.
- Met weekly with the development team to discuss scheduling and issues.

ColdFusion Application Developer
Tribal DDB, Dallas, TX

March 2003 to July 2003

Tools utilized: ColdFusion, Flash, PHP, CSS, SQL Server, XHTML, and JavaScript.

- Programmed and configured Tribal DDB's proprietary content management system, which was a ColdFusion system.
- Also, programmed several company-owned Web sites.

Contract Web Programmer
Smartware Systems, Inc., Carrollton, TX

February 2002 to August 2002

Tools utilized: ColdFusion, HTML, and SQL Server or MS Access.

- Programmed and configured Web-based Customer Service applications.
- Also, installed proprietary Customer Retention systems on-site at Travelocity and Spirit Airlines.
- (Concurrent with Tribal DDB and Dreamlab)

Senior Programmer and Chief Technical Officer
Dreamlab Imagineering, Dallas, TX

April 2002 to March 2003

Tools utilized: ColdFusion, SQL Server, XHTML, and JavaScript.

- Programmed and configured Dreamlab's proprietary content management system (CMS), Clarity, which is a ColdFusion system.
- Programmed several commercial Web sites using Clarity.
- Met weekly with the development team to plan changes and strategy.

Interactive Technologies Director
Slingshot, Dallas, TX

May 2001 to January 2002

Tools utilized: ColdFusion, SQL Server, HTML, CSS, JavaScript.

- Managed a team of 7 developers on various Internet sites and Web-based projects.
- Restructured the organization, policies, and procedures used by the IT Department internally and in its interactions with other departments and clients.

- Established a QA (Quality Assurance) Manager position and instituted policies for QA.
- Managed the development and maintenance of Web sites for companies such as Verizon, TXU, Wyndham Hotels, Brown Forman, and Ionex.

Manager, Web Technologies
Supervisor, Web Technologies
Specialist, Web Technologies
 imc², Dallas, TX

December 2000 to April 2001
 June 2000 to December 2000
 September 1999 to May 2000

Tools utilized: HTML, JavaScript, ColdFusion 4.5, SQL Server 7.0, Windows 2000

- Managed a team of 9 developers on various Internet sites.
- Continued to serve as Lead Technician on the Wyndham Hotels site (<http://www.wyndham.com>).
- Kept performance reviews current.
- Promoted 2 team members.
- Managed and participated in several hundred maintenance items and 4 minor enhancements to the Wyndham Hotels site.
- Supervised a team of 5 developers on various Internet sites.
- Also served as lead technician on, developed, tested, and implemented a Web site for Wyndham Hotels, International (<http://www.wyndham.com>).
- Served as Lead Technician for the Saab OnStar site (<http://onstar.saabusa.com>).
- Served as team lead on, developed, tested, and implemented an internal ERP system.
- Developed, enhanced, tested, and implemented the Cheerios® Web site (<http://www.cheerios.com>).
- Managed and participated in 3 major enhancements to the Wyndham Hotels site. Programmed and implemented the Saab OnStar site.
- Programmed and implemented a major upgrade to the Cheerios® site.
- Managed and programmed the internal ERP system in XML and ASP.

Senior Programmer/Analyst
American Airlines, Fort Worth, TX

February 1997 to August 1999

Tools used: Windows NT 4.0, UNIX, TSO/ISPF, SAS, MS Access, MS Excel, Allaire ColdFusion, Microsoft SQL Server, Borland Delphi, HTML, JavaScript

- Acquired and analyzed historical and operational data, and presented the data to senior management using SAS, MS Access, and MS Excel.
- Designed, coded, tested, installed, and supported many components of the Performance Analysis and Automation Intranet web site. This site uses Delphi programs to acquire operational data from the Sabre system and from some mainframe databases. It also uses some HTML pages with JavaScript and ColdFusion input controls to get data keyed in by field personnel. It stores the data in a Microsoft SQL Server database system. The HTML pages for the site use ColdFusion queries and SQL Server stored procedures to obtain the data for display. I created and maintained

many of the programs, components, pages, and stored procedures that do all of these functions.

Senior Programmer/Analyst July 1995 to February 1997

Sabre Decision Technologies, Fort Worth, TX

Tools used: Windows 3.1, Visual Basic 3.0, Microsoft C, Windows SDK/API, Oracle, FileNet

- Designed, coded, tested, and maintained a Visual Basic system for automating the management of scanned images of legal documents.

Lead Software Engineer July 1993 to July 1995

A. C. Nielsen, Irving, TX

Tools used: Windows 3.1, Microsoft Visual C++ 1.5 and Visual Basic 3.0, MS-DOS 6.2, FoxPro 2.5a, InstallSHIELD 3.0

- Designed and coded a Visual C++/MFC and Visual Basic system for automating the generation of Basic scripts for managing shelf space in a retail environment.
- Also coded and tested a large FoxPro system for retailers to manage promotions.
- Developed the installation (setup) programs for Nielsen's software programs.

Programmer/Analyst (Contractor) July 1992 to July 1993

Texas Instruments, Dallas, TX

Tools used: Windows 3.1, Microsoft C 7.0, MS-DOS 5.0, Case:W

- Designed and coded a large Windows program to aid in using Electronic Data Interchange (EDI). This included converting some C code to DLL's.
- I was also the Test Manager for the project. This project used Case:W to generate much of the user interface for this system.
- I designed part of the system that will allow the user to move and size controls dynamically for displays and reports.

Programmer/Analyst October 1991 to July 1992

Dwights EnergyData, Richardson, TX

Tools used: Windows 3.0 & 3.1, XVT, Microsoft C 6.0, MS-DOS 5.0

- Designed and coded Windows programs to aid petroleum engineers in analyzing test and field wellbore data.
- I was responsible for several dynamic link libraries (DLL's), also.
- This project was developed using the Extensible Virtual Toolkit (XVT) system, which can generate programs for Windows, Presentation Manager, and X-Windows; all using the same source code.

Windows Developer (Contractor) April 1991 to October 1991

ARCO, Plano, TX

Tools used: Microsoft C and Windows 3.0, PC-DOS 3.3, Microsoft FORTRAN, OS/2

- Designed and coded Windows programs in a system to aid engineers in analyzing test and field data.
- I converted several major parts of this system into Dynamic Link Libraries (DLLs), and programmed MDI and DDE applications.

Windows Developer (Contractor)

October 1989 to April 1991

IBM, Southlake, TX

Tools used: Microsoft C and Windows 3.0, PC-DOS 4.01, VM/CMS

- Designed, coded, and tested components of a large Windows office automation system. Some of this work was with DDE data transfer and communications.
- I also wrote a large number of test cases for the Component Test team.
- Tested new office automation applications running under VM/CMS on IBM mainframe computers.

Mainframe Programmer/Analyst (Contractor)

May 1989 to October 1989

Frito-Lay, Plano, TX

Tools used: PL/I, DB2, MVS/XA, TSO/ISPF

- Designed and coded programs which manage placing input file records into DB2 tables for transmission across phone transmission lines to a distributed processing system using IBM PS/2's on LANs.

Mainframe Programmer/Analyst (Contractor)

January 1989 to May 1989

IBM, Irving, TX

Tools used: PL/I, REXX, VM/CMS, VM/ISPF

- Designed and coded a conversion system for a Decision Support Database. The programs convert data from a proprietary database format to a format suitable for loading into SQL/DS.

Programmer/Analyst

January 1988 to January 1989

Lone Star Gas Co., Dallas, TX

Tools used: PL/I, CICS Command-level (batch and online), JCL, MVS/XA, TSO/ISPF, JES2

- Did maintenance programming on the Finance and Accounting portion of the Customer Information System at Lone Star Gas.
- I was also responsible for maintaining the JCL jobs and procedures for these applications.

Systems Engineer

July 1986 to January 1988

EDS, Plano, TX

Tools used: IBM PC compatibles, Data General AOS/VS (MV-20000's as file servers)

- Designed and coded software interfaces to hospital laboratory instruments. These programs allow almost immediate verification and posting of lab results to patient files in a large integrated Patient Care Application System.

Systems Engineer

February 1985 to July 1986

EDS, Richardson, TX

Tools used: PL/I, JCL, TSO/ISPF, JES2, MVS/XA

- Managed and coded monthly installations of JCL Procedures and PL/I programs for production system updates to a communications industry billing system.
- I developed the PL/I and JCL Proc system used by the Communications Industry Group/Technical Support group to automatically propagate updates to the two data centers involved.

System Engineer

October 1984 to January 1985

U.S. Sprint, Dallas, TX

Tools used: PL/I, VSAM, JCL, TSO/ISPF, MVS/XA

- Tested and installed 20 PL/I programs for, and performed VSAM RTI on, the Network Optimization System.
- Also, enhanced a PL/I text formatter used to print the documentation for this system.

Senior System Engineer

April 1982 to October 1984

FAST-TAX, Carrollton, TX 75006

Tools used: PL/I, ROSCOE, MVS/XA, OS/370

- Maintained and enhanced major components (PL/I programs) of the Fast-Tax tax processing system, including the Depreciation, Investment Tax Credit, and Rental tax sub-systems.
- Rewrote many of these programs to conform to structured programming considerations and standards.

Programmer/Linguist/Administrator

April 1980 to April 1982

Summer Institute of Linguistics, Dallas, TX

Tools used: OMSI Pascal, DEC RT-IISJ

- Developed software tools for translators on DEC VT-123 terminals in OMSI Pascal.
- Coordinated meetings and presentations through Southwest Regional Office, Duncanville.

Graduate Teaching Assistant

August 1979 to May 1980

University of Texas at Arlington/Summer Institute of Linguistics, Arlington TX

- Taught two semesters as a Graduate Teaching Assistant in the graduate school at UTA.
- Planned, taught, tested, and graded Dr. Robert Longacre's "Discourse Grammar" class in the Linguistics Department of UTA.
- The classes were taught at the Summer Institute of Linguistics, Dallas.

- MILITARY SERVICE -

U.S. Navy

1972 to 1976

Rank at Discharge: Lieutenant Type of Discharge: Honorable

Served as a junior Line Officer aboard the USS Pensacola (LSD-38).

- Managed, supervised, and led various Divisions aboard the ship.
- Served as Safety Officer. Managed safety inspections and training.
- Served as Education Officer. Arranged for GED training for the sailors.