

Mark Colbath

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Objective

Senior Software Developer with 27 years of professional software engineering experience looking for telecommute opportunities. Specialize in LAMP, Visual C++, MFC, PHP/MySQL, JSON, Ajax, XML, SOAP. .Very quick learner and invariably productive immediately after hire. Location does not matter. I am a United States Citizen who lives in Honduras running an orphanage. Primarily interested in telecommute opportunities.

Work Experience

Contract Software Engineer

January 2010 – Present

- Web developer for Precise Hire, Inc., an online background checking service. Responsible for developing the software, porting users from the old system, implementing new features and everyday troubleshooting. The system is LAMP, with many integrations with third party data vendors. Also developed a RESTful API with XML and JSON interfaces for our automated clients.

June 2009 – April 2014

- Web developer for Bidson.com and Sarbid.com, online penny auctions. Developed new features and executed troubleshooting in a computationally demanding real time environment with PHP, MySQL, HTML, Javascript, JSON and Ajax. In 2012, Sarbid bought and assumed the name of Bidson.com

August 2009 – November 2009

- Contracted via Telecommute for Data Transfer Limited using C++, MAPI and COM to transfer email accounts, messages and contacts from one computer to another via USB drive.

Senior Software Engineer

5/2003 - 1/2006 Third Millennium Productions, Inc., Fort Worth, TX

- Converting legacy Unix finite element model applications and applets to cross platform GUI using the Fox Toolkit (www.fox-toolkit.org) and MS Visual C++. Programmed web application using PHP and MySQL to manage users of our online training. Advise fellow programmers on MS-Windows

applications development.

Contract Software Engineer

6/2000 - 5/2003 MPC Solutions Inc., Haslet, TX

- Worked as a contract engineer for several companies in DFW and on either US Coast. All development utilized one or more of: Visual C++, MFC, ASP, VBScript, ADO, SQL Server, HTML, JavaScript and DAO. Following is a list of contractees:
- Outreach Health Services - Developed an Intranet web application to archive quality assurance logs and reports. System built with HTML, ASP, VBScript, JavaScript, ADO and SQL Server.
- Circle R Broadcast Group (Radio Shack Inc.) - Developed software, using Visual C++, MFC and HTTP, to interface with their large file transport system. The interface has an animated popup window and pulls information from a web server via HTTP.
- Third Millennium Productions - Developed a wizard interface to TMP's modeling software using Visual C++ and MFC.
- Web Developer, Calabrese Auto Mall - Developed and enhanced existing web sites for this local auto dealer using ASP, HTML, VBScript and JavaScript.
- Web Developer, Common Sense Pest & Termite - Developed a web application to maintain customer list and schedule service.
- Web Developer, Restoration Church - Built Restoration-dfw.org. Has many programmatic aspects including scheduling, automated e-mail reminders, dynamic calendars and administrative pages. Church closed
- Developer Support Microsoft Corp (Contract through Volt) Trained to become a part of the professional product support team. Trained using various development tools including ASP.Net and VB.Net.Contract
- Software Engineer Practitioner's Publishing Company Upgraded Engagement Manager by adding new features. The major focus of this update was to enable clients to save

documents to the web and keep in sync with other CPA's within their own firm. Also developing a multithreaded tool as a stress test to the storage server.

- Contract Software Engineer, InterActual-Developed DVD navigator components for PCFriendly. C++, COM, and ATL were used to develop the navigators. All work was done from my home office via telecommute. InterActual is based in California. PCFriendly is DVD playback software for personal computers, which also gathers demographic and viewing habits of its users. Information is sold and sent to movie production companies via Internet. Developed web site and test scripts for the playback components using ASP, HTML and Javascript.
- Web Developer, Huntfish.net- Developed an online hunting directory.

Senior Software Engineer

5/1999 - 5/2000 Ibertech Inc, Bedford, TX

- Used C++, MFC, COM and Win 32 SDK's to upgrade restaurant POS software. Also added two major components for feature requests. Data was stored in flat files (dbf's) as well as Relational (SQL Server and Access). Used ODBC for access to relational.

Senior Software Engineer

7/1996 - 5/1999 Gateway Inc., Bedford, TX

- Built multimedia convergence software for Gateway Destination Home Entertainment System. The system was a computer, television, stereo and router for various A/V components. Used C++, COM and DAO (MS-Access) to develop software from ground up. Primarily responsible for Notices (notification system to inform user of certain events; TV Reminders, EMail notification, incoming phone calls including caller ID); TV Services (middleware layer that allowed our user interface to control and monitor device control); DVD Parental Locks UI (built UI from ground up using artist generated graphics); Satellite TV Receiver Device Control (built COM layer to communication with internal satellite receiver and our Middleware (TV Services). Maintained channel services and electronic program guide. Evaluated various methods for obtaining channel and program information. Also utilized Java to build an electronic program

guide.

Consultant

5/1994 - 5/1996 The Systems Group, Dallas, TX

- Worked at client site (Frito-Lay in Plano, TX) to upgrade handheld computer telecommunications software. Used C++ in a DOS environment. Software was used to upload sales and inventory data to the host computer and also to download product information to handheld.

Programmer/Analyst

1/1991 - 5/1994 Tandy Corp., Fort Worth, TX

- Worked in two departments. First worked at Tandy R&D to perform compatibility testing on newly developed computer systems. Used a combination of application software and custom developed software using C and C++. Wrote BIOS tests using C/C++ to test entertainment system. Also designed and wrote a video game to test the entertainment system including VGA graphics, MIDI player/sequencer, and WAV player. Secondly served in Tandy IS to build the Corporate Executive Memo System (basically a one-way EMail system before EMail was available at Radio Shack). Used Borland C++, Gupta SQL Server and CommonBase to develop the front end system. Also wrote back end distribution application and a generic notification engine to inform analysts of data processing events.

Programmer / Analyst

1/1990 - 12/1990 GeoControl Systems, Houston, TX

- Maintained a real time control system for NASA, Ore-ida Foods and the Army Corps of Engineers. System was developed in FORTRAN for the DEC/VAX platform.

Education

9/1985 - 12/1989 University of Texas at Austin, Austin, TX

- Bachelor's Degree
- Completed BA in Computer Science with 3.1 GPA and 3.25 in Major.

Skills

| Tech | Level | Last used/Years |
|--------------------------|--------------|------------------------|
| ADO | Intermediate | 11 years ago/4 |
| AJAX | Advanced | Current/8 |
| ASP/VBScript | Intermediate | 11 years ago/4 |
| ATL | Intermediate | 11 years ago/5 |
| C/C++ | Expert | Current/27 |
| COM | Intermediate | 11 years ago/7 |
| DAO | Expert | Current/20 |
| Fox-Toolkit.org | Intermediate | 11 years ago/3 |
| HTML | Intermediate | Current/20 |
| Java | Intermediate | 5 years ago/3 |
| JavaScript | Advanced | Current/15 |
| JSON | Intermediate | Current/7 |
| MFC | Intermediate | Current/7 |
| MS-Access | Intermediate | Current/10 |
| MySQL | Intermediate | Current/15 |
| ODBC | Intermediate | 10 years/2 |
| PHP | Advanced | Current/16 |
| SQL Server | Intermediate | 10 years ago/2 |
| VBScript | Intermediate | 12 years ago/4 |
| Visual C++ Current/16 | Expert | Current/16 |
| XML | Intermediate | Current/10 |

Languages

Spanish (Conversational)

English (First Language)

References

Tim Calabrese 214-926-9266 timcalabrese@yahoo.com

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