

Ian Firth

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Development Skills and Tools

Media

Interface design, graphic development

Extensive knowledge of most high end 2D and 3D graphics tools, including 11 years of experience with Adobe Photoshop and Illustrator, 7 years with InDesign, 5 years with 3D Studio Max, 7 years with trueSpace. Working knowledge of media development tools Macromedia Director and Flash. Extensive knowledge of all aspects of the retail software development and publishing business.

Web

13 years of website development hand coding and with Macromedia/Adobe Dreamweaver from version 1 through CS4. Focus on PHP/MySQL driven sites, proficiency with XHTML/CSS, AJAX methodologies, JavaScript, IIS, ASP, and VBScript.

Design Portfolios available at <http://www.divsoft.com>

Software

Microsoft Visual Basic

12 years of retail software development experience. 15 years of Visual Basic development experience (commercial, retail and hobby), beginning with version 2.0. Excellent knowledge of OO design and implementation, proper coding practices and software life-cycle development. 15 years experience in user interface design and usability.

Microsoft Office Development

4 years of Microsoft Office add-on and application development with VBA in Access, SQL Server, Excel, Word and Project. Excellent knowledge and experience with ADO, COM and ActiveX development.

Multimedia Development

18 years of multimedia software development in the game and business markets.

Work History

Diversions Software, Inc.

July 92 – Present

Founder and owner of Diversions Software, a multimedia software, creative and web development company. Development of various retail entertainment titles for various publishers. Development of dozens of web sites for various clients. More information available online at <http://www.divsoft.com>.

Six Sigma Management Institute

Nov 04 – Oct 08

Website and graphic designer, software and web application developer of Six Sigma training and learning tools and websites for Mikel J. Harry. Development of all static media assets for print and web. Website administrator.

123CCTV

Sep 03 – Oct 03

Development of CCTV interface software for end users. Redesign and development of multiple company retail web sites.

Demand1

Feb 02 – July 02

Contract Development of a near real-time video on demand interface editor for the cable TV industry. The editor allows cable companies to develop and publish graphical frontends for broadband cable TV video on demand playback using nothing more than a laptop. Future development will include a revamped playback engine developed in DirectX.

Quantum Project Management

Dec 00 – May 03

Development of Microsoft Office applications, add-ons and tools. Notable achievements include QuantumPM Schedule Auditor, a retail time-saving add-on for error checking Microsoft Project. QSA allows project managers to quickly find problems at task, resource and schedule levels, and offers solutions to fix them. Created Excel to HTML conversion tools to host Excel reports and information to bandwidth limited clients in remote locations. Created applications to sweep eLabor Enterprise Project databases, and externally process multi-project information with a custom built SQL parser, then generate Excel graphs from the data. Developed a SQL/ASP multi-tiered knowledge-base and trouble ticket reporting system for QuantumPM clients.

Lasershot Inc.

Oct 98 – Dec 2000

Development of 7 entertainment titles for Lasershot's arcade and law enforcement laser shooting simulation system. Development included game design and development, UI design, media assets, coin-op mechanism interfaces, and billing interface.

i1 Television Network

Oct 95 – July 96

Designed and developed 12 games for i1 Interactive Television Network. Utilizing a custom telephone input interface, the games process keypad entry from users in the home market, for playback over broadband cable television. Responsible for game concept, UI design, artwork, animation and sound content development.

ITC MediaConferencing (now Williams Communications Group)

Nov 93 – Aug 94

Entry level programmer for ITC, developing a database and front end for their global teleconferencing reservation system. Created with VB and Access, the system allowed customers, and conference coordinators to place reservations for teleconferences using ITC's video and audio conferencing system.