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<SUMMARY>

Web application developer specializing in script-driven applications and XML document architecture, with a background in visual design

<TECHNOLOGY>

Flash / ActionScript

- // Worked with all aspects of the application and its product: from frame based animation to rich data driven web applications; from 100% ActionScript driven applications to applications that rely primarily on the containing document's JavaScript control structure or a Shockwave container's control structure
- // Developed multimedia rendering engines controlled by XML configuration files that rely on scripting to dynamically create and load content
- // Built an XML editing layer on top of the presentation interface of a multimedia rendering engine utilizing the LocalConnection object and Flash Remoting to save the XML data to a CVS server

JavaScript

- // Created dynamically driven web presentations with compact, reusable, cross-browser, object-based code
- // Extended development tools with back-end scripting:
 - SoftQuad's XMetaL application & XML DOM interfaces
 - Dreamweaver's JavaScript API
- // Communicated with embedded web objects to extend control to HTML-based navigation elements:
 - Macromedia's Flash – used FS Command to communicate with SWLiveConnect for Netscape and VBScript for IE
 - Macromedia's Shockwave – used EvalScript and externalEvent to communicate with JavaScript
 - Java Applets – used LiveConnect to extend Java's reach to the DOM
- // Created Desktop tools with Microsoft's Web Scripting Host:
 - XML to HTML transformations as part of an Ant Build System
 - JavaScript documentation generation (based on JavaDoc) as part of an Ant Build System

XML

- // Developed data schemas for documents in a large-scale production process to create a familiar word processor-like interface for use by non-programmers
- // Created modular DTDs to support a complex array of documentation needs
- // Built and enhanced tools to allow editing, transformation, and sorting of XML-based documents:
 - SoftQuad XMetaL – used a suite of customization utilities to make this XML editor usable by non-programmers
 - Microsoft MSXML – used the current release of this technology to apply XSLT transformations on XML documents in order to modify data, reorder data, and transform XML into HTML for presentation
 - Macromedia's Director – used the XMLParser Xtra to develop utilities to transform large XML documents into multiple smaller documents (given the limitations of MSXML at the time).
 - Developing scripts to translate XML into graphic presentations for Shockwave multi-media engine

DHTML / CSS

// Designed graphically precise, multi-layered interactive web pages using CSS Positioning interwoven with JavaScript logic

// Engineered modular and adaptive document formatting schemes using CSS1 and CSS2 for demanding presentation requirements

// Scripted programs for dynamic document generation to meet the needs of context sensitive navigation and cross-browser compatibility

Other

Lingo – Fluent in this Shockwave tongue

Java – Foundational understanding of the language and class-based architecture with some experience writing applets for web application

VB & VBA – Basic understanding of the language and its uses in scripting MS Office applications

VBScript – Foundational understanding of the language and able to translate code samples into JavaScript

COM – Full understanding of interfacing with COM Objects in scripting environments

<SOFTWARE>

Operating Systems

Microsoft Windows	6 years – expert
Mac OS	5 years – intermediate
Linux	3 years – intermediate
FreeBSD	1 year – beginner

Applications

Macromedia Flash	4 years – expert
Macromedia Director	4 years – advanced
Macromedia Dreamweaver	5 years – expert
Macromedia ColdFusion	2 years – beginner
Macromedia HomeSite+	5 years – expert
Adobe Photoshop	6 years – expert
Adobe Illustrator	4 years – intermediate
Adobe Premier	4 years – intermediate
Adobe PageMaker	5 years – advanced
Sorenson Media Cleaner Pro	3 years – intermediate
SoftQuad XMetaL	4 years – expert
XML Spy	4 years – advanced
Microsoft Office Suite	6 years – intermediate
Metrowerks CodeWarrior	1 year – beginner
Microsoft Visual Studio	1 year – beginner
Apache HTTP Server	3 years – intermediate
Microsoft IIS	2 years – beginner
CVSNT and WinCVS	3 years – intermediate
Microsoft Visual Source Safe	4 years – advanced
MindVision Installer Vise	5 years – intermediate

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