
Summary

I am a senior user interface developer with extensive experience in software projects spanning the entire product development lifecycle. Specialization in web development with a proven track record in analyzing user needs and creating interfaces to meet them efficiently and aesthetically. Experience in both client and server-side programming with the ability to envision and implement solutions that span both. Expert in browser technologies, semantic markup, CSS, Javascript, the DOM standard, and AJAX and other RESTful techniques. Skills include:

- Expert in web technologies (client and server)
- Database design and development
- Proficiency in multiple programming languages
- User-centered design
- Heuristic evaluations and usability studies
- Expertise in developing on multiple platforms

Career Highlights

Crispin Porter + Bogusky: Senior Interactive Developer **2008 to Present**

Crispin Porter + Bogusky is a Top 5 advertising agency with clients that include Microsoft, Burger King, Domino's Pizza, Best Buy, and Volkswagen. CP+B acquired Texturemedia in June of 2008. At CP+B I worked on many projects:

- Lead Developer on the Microsoft "I'm A PC" project: responsible for architecting the Javascript, CSS, and XHTML code and XML schema for the interface, developed the majority of the Javascript and CSS, and managed a team of developers.
- Senior Developer for www.vw.com: rewrote several Flash widgets in DHTML, to increase accessibility and search engine optimization

Texturemedia: Senior Interface Developer **2006 to 2008**

Texturemedia was an interactive agency devoted to building our clients' brands online. At Texturemedia, I was responsible for regular development on many projects, as well as helping lead the interface development team and participating in guiding the company to define better and more efficient ways of engineering. I also helped develop our Catapult web platforms in both C# .NET and Java.

Core Business Solutions: Web Developer **2003 to 2006**

Core Business Solutions offers a document and business management solution called DocBase Direct. DocBase Direct is entirely web-based, with the user interface implemented completely in Dynamic HTML.

- Defined a new user-centered product design method for the company, including documentation standards and workflow details.
- Researched, designed, and developed new features for the DocBase Direct application.
- Redesigned user interface for entire product to make it more usable, standards-compliant, and browser and platform independent.
- Researched and implemented software testing methods and standards for entire company.

Aquent Partners: User Interface and Web Design and Development **2000 to 2006**

Aquent is the world's largest talent agency for Web, Creative, and Technical professionals. Past assignments have included:

- Ameraan, Inc: Creation of web-based customer information tracking system.
 - ⇒ Gathered and analyzed system requirements.
 - ⇒ Designed and created underlying relational database.
 - ⇒ Designed, prototyped, and programmed entire user interface on both server and client side.
- Morey Evans Advertising:
 - ⇒ Redeveloped entire Vehix.com website.
 - ⇒ Developed survey and mailing software for Western Union.
- Carl Thompson and Associates: Implemented new website for their launch of their new public relations business.
 - ⇒ Assisted in design of new site.

Genomica Corporation: Lead User Interface Designer**2001**

Genomica was a leading bioinformatics software company. Their software tools combined clinical, epidemiology, genetic, molecular biology, and biochemistry applications into a single software environment that enables scientists to accelerate genetic discoveries and pharmacogenomics.

- Created and specified new user interface designs for web-based software suite using UML, DOM, use cases, and business rules.
- Developed styles and standards for User Interface implementation and specified reusable GUI widgets and cascading style sheets
- Prototyped designs using DHTML and reusable object-oriented JavaScript and CSS.
- Helped define a new object-oriented design method for the company, including specifying process and documentation standards.

Stinson-Beech, Inc (DBA RCMS): Various Positions**1997 to 2000**

RCMS sells a financial accounting system to specialty retailers throughout North America. This package (titled RCMS) is written in 4GL and runs on an Informix database on SCO UNIX platforms. RCMS sells all hardware and integration software necessary for a turnkey solution.

- Programmer:
 - ⇒ Began development of web interface for existing software.
 - ⇒ Developed other applications using 4GL, TCL, and shell scripts.
- Systems Analyst:
 - ⇒ Gathered hardware, software, database, and operating systems for new clients, created customized turnkey solution based on those requirements, and deployed the solution on-site.
- System and Database Administrator:
 - ⇒ Installed and customized OpenServer UNIX platforms.
 - ⇒ Created data and system migration scripts, including a suite of scripts to facilitate the remote migration of an entire server from one set of hardware to another.
 - ⇒ Designed and administered Informix SE databases.
- Technical Support for over 45 different clients throughout North America:
 - ⇒ Troubleshooting for both software (RCMS, database, and OS) and hardware.
 - ⇒ Trained new users.
 - ⇒ Assembled and installed new systems and remotely administrated servers.
- Author of new RCMS user's manual.
- AR, AP, Purchasing, and Inventory Management for Stinson-Beech.

Proficiencies

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|------------------------------------------------|----------------------------|
| • SGML, XML, XHTML, and semantic markup | • Cascading Style Sheets |
| • Javascript (and libraries, including jQuery) | • C# and the .NET platform |
| • Java, JSP, and Servlets | • SQL and 4GL |
| • C/C++ | • PHP, Perl, and Ruby |

Education

University of Colorado, Boulder Campus: Bachelor of Arts in Physics and Mathematics

Publishing History

“Civilian Cryptography and the Promise of Decentralization”

Soldier-Scholar, United States Air Force Academy, fall 1996 issue
(Co-authored with Dr. Patrick Juola of Duquesne University.)