

# GREGORY HARROLD

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## SUMMARY

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- Ability to manage large development projects and lead a team in the design and maintenance of web applications and web sites.
- 8 years of full scope experience as an Internet and Software Engineer, Development Leader and Scrum Master in all phases of development.
- Using AGILE in our web development environment. Working with a Peer 2 Peer group to integrate interaction design into the process.
- Looking for a position where I can use my knowledge and skills to help a company achieve their online goals.

## ACCOMPLISHMENTS

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- Design, development, and content management of
  - Wyndham Worldwide, Avis Budget Group, Realogy, Group RCI, Travelport Corporate Solutions, Orbitz for Business.
  - Teekay Shipping and Teekay LNG Partners websites.
  - Design and Development of Teekay Shipping's intranet.
  - Dell Canada Website Redesign.
  - GM Canada 2004 Website Refresh.
- Business analysis, design and development of the following
  - Wireless RIM device Form Manager.
  - Descartes 20/20 Visibility Web Tool.
  - Web-based estimation software.
  - Online e-billing system.
  - Online e-commerce package.

## EXPERIENCE

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Oct, 2006 – Current Quarry Integrated Communications Waterloo, ON  
*Web Solutions Developer*

- Agile web development. Leading daily SCRUM meetings.
- Team Lead and subject matter expert for Web UI design on a large project for a reputable company currently under NDA.
- Cold Fusion website and web application development and maintenance.
- Technical Architecture of many online applications.
- Development of Campaign Tracker tool.
- Linux webserver system administration. Including VMWare virtual environments.
- Part of 24/7 on-call rotation.
- Designed and implemented Sharepoint (MOSS 2007) as an intranet and extranet.

- Customized Sharepoint for several clients' intranets as well.
- Database design, development, and optimization.

June, 2001 - Current      GWH Consulting (Sole Proprietor) Kitchener, ON  
*Web Designer*

- Website site maintenance, design of new features in PHP.
- Led sessions with users and business units for discovery of design specifications allowing for the smooth development and testing of web applications.
- Fully redesigned Custom Cupola website as of December 2005.
- Graphic and web design for a consulting company that specializes in organizational renewal, strategic management, and governance.
- Designed 8½ x 11 full colour brochures for Custom Cupola's home show.
- Designed and built a wireless network infrastructure for Custom Cupola.
- Lead the development of an e-commerce accounting system.
- Designed an MS Outlook plug-in to communicate with a COM component for the transfer of product information to an online mall.
- Designed and maintained Access and SQL databases. Began creating a clustered server environment.

Sept, 2004 – Oct, 2006      Teekay Shipping      Vancouver, BC  
*Webmaster, Corporate Communications*

- Technical lead for website redevelopment of Teekay.com. Content developer for all online content.
- Built the Advanced Fleet Search tool using a live XML feed.
- Development of a new Sharepoint Portal intranet and several extranet sites.
- Designed and developed advanced employee search tool, polling tool, and several other Sharepoint web parts in ASP.NET using C#.
- 24/7 Emergency Response Team member for all web related communications in a crisis situations.

Oct, 2003 – July, 2004      Dell Canada      Toronto, ON  
*Online Content Design Developer*

- Designed, built, implemented and deployed weekly promotions.
- Conducted usability testing.
- Weekly bug fixing and on-going site QA.
- Online metrics to study user acceptance and product control.
- Designed new campaign pages and landing pages with XML.
- Graphic design of banners and promotional graphics.

Aug, 2002 – Sept, 2003      Custom Cupola & Steeple Co. Ltd. Oakville, ON  
*Web Master / Manager / Sales*

- Created a design tool using C# which reduced design time and removed the need to mach-up a roof in the shop.
- Designed a database to track all sales and engineering data for

analysis. Designed some data mining tools to analyze the data.

- Managed staff.
- Graphic design of all the marketing materials.
- Designed and setup internal network.

Mar, 2002 – Aug, 2002      Descartes Systems Group      Waterloo, ON  
*Information Architect / Web GUI Designer*

- Designed a reporting tool for clients to view their logistics data using XSLT, JavaScript and a proprietary engine that returns XML.
- Designed an XSLT tool to dynamically control the graphics and style sheets for each client. This tool allowed us to customize the look for clients allowing them to better understand the summaries they were viewing.
- Graphic design for the user interface.
- Testing and debugging other custom XSLT and JavaScript applications.
- Designed a splash screen and business cards for a marketing event.

June, 2001 – Current      Inphasx Corp. (Occasional Contract) Kitchener, ON  
*Software Developer*

- Led sessions with the clients and end users to create accurate business specifications and design specifications for a web based estimation software package.
- Designed, implemented, and maintained large Postgres and SQL databases.
- Advanced RIM development using C++ and the RIM SDK. Designed a generic flexible form manager for the RIM 950 and 957.
- Designed and developed a packet handling protocol for large data transfers to the RIM Blackberry using C++.
- Designed and developed an electronic billing system single handedly from scratch using PHP and PostgreSQL. Designed an online storefront integrated with the e-billing system. Assisted in the development of a community based web portal, which we then integrated into my e-billing system.
- Administration of a Linux / NT Network.

1999–2000      Descartes Systems Group/Endgame Systems      Waterloo, ON  
*Systems Administrator*

- Administrator of a large Forte development environment.
- Administrated and assisted in the design of the internal engineering web site using Notepad and Perl.
- Responsible for the manufacturing of client releases using Install Shield.
- Perl and NT Batch script creation for network monitoring.
- Unix system administration.

1997–1998      Paradigm Development Inc.      Vancouver, BC  
*Quality Assurance Engineer (Co-op)*

- Documented and tested applications using both manual and automated

test methods.

- Wrote quality assurance plans and test plans.
- Designed white box test harness in VC++.

1996–1997 Livingston Group Inc.

Etobicoke, ON

*Programmer Analyst (Co-op)*

- Designed a full set of EDI maps
- Automated tasks using Korn shell scripting.
- Desktop network support and upgrading.

## EDUCATION

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1995-1999 University of Waterloo

Waterloo, ON

- Bachelor of Mathematics

## RECENT COURSES

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- Public Relations – BCIT
- Marketing - BCIT
- Project management - CDI

## SKILL SET

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SKILL	YEARS OF EXPERIENCE	LAST USED
XML, XSLT	6	Current
ASP.NET C#, PHP, Cold Fusion	7	Current
Web Dev (CSS, JS, ...)	7	Current
C / C++	3	3
Perl	2	3
Java	2	1
Graphic Design	5	Current
Microsoft SQL Server	6	Current
MySQL, PostgreSQL	4	Current
Oracle	2	2
Perl, Shell scripting	3	1
CVS / SVN / Jira	4	Current
CMS (Several)	3	Current
All Microsoft Office Tools	6	Current
Linux	4	Current
Windows	7	Current
Sharepoint	4	Current
Project Management (AJAX)	4	Current

## VOLUNTEER

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- Deacon at Faith Evangelical Missionary Church. Chair of the finance committee.
- JeffBeard festival and fundraiser.

## AFFILIATIONS

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GWH Consulting – Sole Proprietor

International Association of Business Communicators – Former Member (BC Chapter)

## REFERENCES

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Available upon request.