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Robin William Chahal, B.Eng.

OVERVIEW

I am a software development consultant with 11 years experience in software design and development. While I have solid technical skills, I take pride in my comprehensive approach to solve core problems and simplify complex situations.

I am seeking future software development consulting opportunities as well as employment opportunities that would provide experience in project management and/or experience working under a professional engineer certified by the Professional Engineers of Ontario.

Areas of particular interest include web based applications, robotics, and IP communications.

RECENT POSITIONS HELD

Consultant, Ottawa

Software Developer - 2003 to Present

In November 2003 I started my own consulting practice which has grown to service a number of customers. Projects range from small applications, to larger projects which require hiring and managing additional consultants. My clients include Service Canada, Secure Enabled Networks, The Gordon Group, Validian Inc., and RLD Industries.

My largest contract has been ongoing since July 2004 with the Canada Site at Service Canada. At the Canada Site I work as part of a team of 7 developers to develop and maintain a number of web based and stand alone applications.

Technologies: Java, PERL, Visual Basic, WebSphere, Apache, Tomcat, Sybase, Eclipse, ePass, Secure Channel, AWStats

Projects for other customers include design, development and project management of work order management systems, video conferencing, VoIP, SDK tutorials, and a number of web based applications.

Technologies: C++, Visual Basic, PHP, Java, NetMeeting SDK, My SQL, Interbase, MS Excel, MS Access, VB Script, ASP, Visual Studio

COAST Software Inc, Ottawa

Sales Engineer - 2002 to 2003

At COAST I developed custom enterprise solutions, developed web based reports, and prototyped new applications to enhance COAST's core product. Prototyping included development of tools to analyze and report on HTML validation, spell checking, CLF, 508, W3C accessibility, privacy, and security. I delivered over 200 one hour technical sales presentations, and provided technical support to COAST's larger customers.

Technologies: COAST Web Quality Central, COAST Webmaster, MS SQL Server 2000, Java, JavaScript, Visual Basic, VBScript, C#, .NET, ASP, HTML, XML, Regular Expressions, SQL, ODBC, IIS, CMS

More information about me along with a detailed 8 page resume can be found at <http://www.RobinChahal.com>.

**Shockwire Technologies, Ottawa
Systems Engineer - 2000 to 2002**

Just after university I co-founded three companies under the umbrella of Shockwire Technologies. My primary responsibilities were project management, and software development. My secondary responsibilities were hardware development, business development and sales. Large projects include:

- **Trash and Trinkets:** Trash and Trinkets was an intelligent web based system designed to accept orders for promotional products such as pens, mugs, and T-shirts. My role was to lead a team with 2 other developers to design and develop this system.
Technologies: MS Access, ASP, VB Script, HTML
- **AudioCaster:** The AudioCaster was an FM radio transmitter designed to wirelessly transmit music from your computer to an FM radio. My role was to design the AudioCaster, manage production, design a website which was the main sales vehicle, and manage our advertising campaign.
Technologies: Hardware Development
- **Online Gambling Authority:** The Online Gambling Authority was an autonomous search engine that would search the internet for gambling sites, scan these sites for credentials, verify these credentials, and then post the results to a web site. My role was to develop the software with one other developer. At the time, the software found over 2,500 online gambling sites of which 80% claimed some form of false information about themselves.
Technologies: Visual Basic, .NET, MS Access, ASP, HTML

OTHER POSITIONS HELD

Positions held before the completion of my engineering degree in 2001:

1999	Junior Software Engineer, MacDonald Detwiller & Associates
1997-1999	Part-Time Network Support, Carleton University
1998	Information Officer, Health Canada
1997	Systems Developer, Tanager Software
1996	Assistant Systems Administrator, Nortel
1995	Assistant Systems Administrator, Agriculture Canada

EDUCATION

B.Eng. Computer Systems Engineering, Carleton University, 2001
Dean's Honor List, Dr. Fredrick William Charles Mohr Scholarship
Team Manager, Carleton RoboTag
Team Leader, Wesley Nicol Business Plan Competition (3 consecutive years)
Team Leader, Student Technology Venture Challenge (3 consecutive years)
Team Leader, Concordia University Bridge Building Competition (2 consecutive years)

SECURITY CLEARANCE

Top Secret

SKILLS MATRIX (more details can be found at www.RobinChahal.com)

Company	Time (Months)	Skills / Technologies																			
		Programming, Scripting, Markup Languages									Frameworks		Databases			OS		Disciplines			Other
		C, C++, C#, Interactive C	Java, J2EE, EJB, JavaScript, JSP	Visual Basic, VBScript, ASP	PERL, PHP	HTML, XHTML	XML, DTD	SQL, Hibernate, iBATIS	Regular Expressions	.NET	Spring	SQL Server	MS Access	Sybase	MS Windows	Linux, Unix	Leadership	Management	Sales	Public Speaking	
Service Canada	26		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			✓		Tomcat, WebSphere, Apache, Eclipse, ODBC, JDBC, VSS, CVS, CLF, CLFv2, MS Excel, AWStats, Sybase	
RLD	12			✓		✓		✓		✓			✓		✓	✓	✓			Interbase, Delphi, MS IIS, MySQL	
Pace 2000	8	✓	✓	✓		✓		✓			✓	✓				✓	✓	✓		My SQL, NetMeeting SDK	
SEN	8	✓											✓		✓	✓	✓	✓		Validian SDK	
Validian	1	✓											✓		✓	✓	✓	✓		Validian SDK	
Gordon Group	2		✓	✓		✓		✓			✓		✓					✓		MS Excel	
COAST	14	✓	✓	✓		✓	✓	✓	✓		✓		✓			✓	✓	✓		COAST WQC, VSS, ClearQuest	
Shockwire	28	✓	✓	✓		✓		✓		✓			✓		✓	✓	✓	✓		Hardware Development	
MDA	8		✓	✓				✓			✓		✓							FoxPro, Sabre QIK	
Carleton	24												✓								
Health Canada	4		✓	✓		✓		✓					✓							Lotus Notes, DB2, Dbase	
Tanager	4			✓				✓			✓		✓							Maximo	
Nortel	10				✓	✓			✓					✓							
Agriculture Canada	2												✓								