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34 Bie St.
Ottawa, ON
Canada, K2G 0K7

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 Exel, 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

**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 Detwiler & 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, IBAIT	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												✓								

ABOUT THIS RESUME

This file is a comprehensive resume for Robin Chahal and is approximately 16 pages long. The purpose of this resume is to provide evaluation material for human resource professionals and consulting agencies.

This resume is not intended for technical individuals, hiring managers, or executives.

For a short 2 page resume, or an extended 9 page resume intended for use by consulting agencies when submitting proposals, please visit my website at <http://www.RobinChahal.com>.

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OVERVIEW

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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.

This resume is intended primarily for use by consulting agencies submitting proposals. It outlines details of every project I have worked on in a professional capacity since 1995. For a summarized 2 page resume, please visit my website at <http://www.RobinChahal.com>.

POSITIONS HELD

2003-Present	Contract Software Developer
2002-2003	Sales Engineer, COAST Software
2000-2002	Systems Engineer, Shockwire Technologies
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

SECURITY CLEARANCE

Top Secret

PROJECTS

9.16 AWStats Web Log Reporting Tool

Service Canada, Canada Site

(Feb 2006 – Oct. 2006, 8 months)

In January 2006 I was put in charge of statistical reporting for the Canada Site. In February 2006 I brought in an open source web log reporting tool AWStats and began the process of customizing it to meet the Canada Site's needs. AWStats is a PERL web based application.

Technologies: PERL, AWStats, CGI

9.15 Canada Site Custom Web Log Reporting Tool

Service Canada, Canada Site

(Jan 2006 – Oct. 2006, 9 months)

The Canada Site has unique Web Log Reporting needs for which no existing web log reporting tool was adequate so a custom application was developed. In January 2006 I took over maintenance and future development of this project. This application was initially a mix of PERL scripts, Visual Basic .NET applications, MS Excel Macros, and MS Access Macros.

Technologies: PERL, Visual Basic, .NET, MS Excel, MS Access

9.14 Canada Site What's New Application

Service Canada, Canada Site

(Jan 2006 – Oct. 2006, 9 months)

The Canada Site has a What's New portion of its website that outlines all the new information on any Canadian Federal Government website. My role was to build a web based application that managed this portion of the website and automated as much of it as possible. What's New is a Java application with a Sybase database back end.

Technologies: Java, WebSphere, Sybase, Eclipse, Apache, HTML, CMS

9.13 Canada Site Redirect Application

Service Canada, Canada Site

(Sept 2005 – Oct. 2006, 1 year, 1 month)

The Canada Site (<http://canada.gc.ca>) is the Government of Canada's primary web portal.

The site has a large number of static HTML pages that contain links which change on a regular basis. The Redirect Application is a web based application that manages these links and provides customized reporting capability. This is a very high traffic application designed with multiple levels of redundancy in addition to a series of failover systems. The Redirect Application is a Java application with a Sybase database back end.

Technologies: Java, Sybase, Eclipse, WebSphere, Apache, Tomcat, Embedded Tomcat, HTML, CMS

9.12 Canada Site Automated ePass Website Testing and Monitoring Tool

Service Canada, Canada Site

(Dec 2004 – Oct. 2006, 1 year 11 months)

The Canada Site has a number of web based applications which required a monitoring and testing tool capable of relatively complex behaviour such as going through ePass, a secure web portal. My role in this project was to design and develop the tool in Microsoft Visual Basic .NET

Technologies: Visual Basic, .NET, ePass, Apache, Secure Channel

9.11 Canada Site My Government Account (MGA)

Service Canada, Canada Site

(Sept 2004 – Oct. 2006, 2 years, 2 month)

MGA is a web based application that allows users to manage links of interest throughout federal government web sites. My role in this project was to develop and modify many of the features of the tool ensuring the tool complied with CLF standards and ensuring the tool could be integrated with ePass, a government of Canada secure web portal initiative. MGA is a Java application with a Sybase database back end.

Technologies: Java, Sybase, Eclipse, ePass, Apache, WebSphere, Tomcat, ePass, Secure Channel, HTML, CMS

9.10 Canada Site IMTool

Service Canada, Canada Site

(Aug 2004 – Oct. 2006, 2 years 3 month)

The IMTool is the central administrative portion of the Canada Site (www.canada.gc.ca). It allows administrators to change the content of any dynamic portion of the web site. My role in this project was to develop many portions of the IMTool and modify many other portions.

Technologies: Java, WebSphere, Sybase, Eclipse, Apache, CMS, HTML

9.9 Canada Site Link Checker

Service Canada, Canada Site

(Aug 2004 – Oct. 2006, 2 years 3 month)

The Canada Site (www.canada.gc.ca) has a directory of thousands of links within the government of Canada web space. The Link Checker is a tool that verifies that these links are still active and produces a report of inactive links. My role was to redesign and redevelop this tool.

Technologies: Java, WebSphere, Sybase, Eclipse, Apache, CMS, HTML

9.8 Canada Site Government Announcements

Service Canada, Canada Site

(July 2004 – Oct. 2006, 2 years 4 months)

Government Announcements is the announcements portion of the Canada Site (www.canada.gc.ca) Originally this portion of the site was all static HTML pages. My role in this project was to build dynamic, database driven pages for this portion of the web site and build an administrative back end to manage content.

Technologies: Java, WebSphere, Sybase, Eclipse, Apache, CMS, HTML

9.7 Work Order Management System

RLD Industries

(Jan 2004 – Jan 2005, 1 year)

RLD Industries had an existing work order management system with an Interbase database back end and a custom user interface developed with Delphi. They needed new features added to the system and they were having compatibility issues with newer operating systems. I developed a new work order management system for RLD using a MS SQL Server 2000 back end and .NET web based user interface, migrating all their old data from the old system to the new.

Technologies: Interbase, Delphi, MS SQL Server 2000, ASP, .NET, Java, HTML, VB Script, Visual Basic, C#

9.6 Pace-to-Face

Pace 2000

(Nov. 2003 – June 2004, 8 months)

I developed a video conferencing client server application for Pace-2000's Pace-to-Face initiative. This application authenticates users, monitors client status, maintains a contact list for each client and ensures non-authenticated users can not contact clients through the system. My role was to design and develop the system, develop the server component, and modify the client component to communicate with the server component.

Technologies: C++, NetMeeting SDK, My SQL, VB Script, ASP, Visual Studio, .NET

9.5 Profiles Calculator

Gordon Group

(Jan 2004, 1 month)

For the Micronutrient Initiative through the Gordon Group I converted an elaborate Excel application to an MS Access database with web based reports and forms.

Technologies: Visual Basic, MS Excel, MS Access, MS Visual Studio, Java, .NET

9.4 CLF Audits

Gordon Group

(Feb 2004, 1 month)

I audited and produced reports for several Government of Canada websites for CLF compliance and compliance with W3C priority 1 and 2 guidelines. Government departments included Health Canada, Industry Canada, Public Works and Government Services Canada, Treasury Board, Transportation Canada

9.3 SDK Tutorial

Validian

(Mar 2004, 2 months)

I developed C++ applications and training material for Validian's Application Security Interface SDK.

Technologies: C++, Validian ASI SDK, .NET

9.2 SEN VoIP

Secure Enabled Networks

(Nov 2003 – June 2004, 8 months)

I developed a VoIP application for Secure Enabled Networks using C++ and Validian's Application Security Interface SDK.

Technologies: C++, Validian ASI SDK, .NET

9.1 Website Development

Gordon Group, Secure Enabled Networks, IT Root Solutions

(Apr 2004 – June 2004, 3 months)

I developed websites for the Micronutrient Initiative, Secure Enabled Networks, IT Root Solutions, and Ottawa Universities Tabaret Magazine.

Technologies: Adobe Photoshop, PHP, JavaScript, Dreamweaver, Java, .NET, C#

8.12 Customer Demonstrations

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

I prepared and delivered over 200 one hour technical sales presentations to companies on COAST Software's enterprise web quality assurance software. These presentations had an emphasis on privacy, security, common look and feel (CLF), accessibility, and regular expression searching.

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

8.11 HTML Validator, HTML Tidy Integration

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

At COAST Software I developed tools to integrate other web quality assurance tools with COAST's enterprise product. One of these tools integrated HTML Tidy, an HTML Validator. Web based reports to report on the findings were also developed. This was initially developed for Transportation Canada.

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

8.10 Web Based Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. The findings can then be viewed with web based reports. I was the initial developer to work on these reports and eventually this became a group effort with a team of developers.

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

8.9 Spell Check Integration

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

At COAST Software I developed tools to integrate other web quality assurance tools with COAST's enterprise product. One of these tools integrated a spell checking tool. Web based reports to report on the findings were also developed. This was initially developed for Communications Canada.

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

8.8 IBM Custom Excel Based Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. The findings can then be viewed with web based reports but IBM required these reports in a very specific format in MS Excel files. I developed these reports for them.

Technologies: COAST Web Quality Central, MS SQL Server 2000, Java, Regular Expressions, SQL, MS Excel, .NET, Visual Basic

8.7 CMS Integration

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

I worked as part of a team to develop a means to integrate COAST's web quality assurance software with any existing Content Management System (CMS) including Microsoft CMS, Interwoven, and Documentum.

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

8.6 Privacy Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. COAST's enterprise product has the ability to be customized with user defined regular expressions that are then run against ever web page spidered to look for additional quality issues. I defined a large number of regular expressions that would identify privacy issues on a web site and built web based reports to report on the findings.

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

8.5 Common Look and Feel (CLF) Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. COAST's enterprise product has the ability to be customized with user defined regular expressions that are then run against ever web page spidered to look for additional quality issues. I defined a large number of regular expressions that would identify CLF and accessibility issues on a web site and built web based reports to report on the findings.

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

8.4 W3C Accessibility Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. COAST's enterprise product has the ability to be customized with user defined regular expressions that are then run against ever web page spidered to look for additional quality issues. I defined a large number of regular expressions that would identify W3C accessibility issues on a web site and built web based reports to report on the findings.

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

8.3 508 Reports

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

COAST Software's core product is a web site quality assurance tool. It spiders through a web site looking for quality issues, and writes the findings to a database. COAST's enterprise product has the ability to be customized with user defined regular expressions that are then run against ever web page spidered to look for additional quality issues. I defined a large number of regular expressions that would identify 508 and accessibility issues on a web site and built web based reports to report on the findings.

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

8.2 Technical Support

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

At COAST Software I was the primary support person for COAST's enterprise customers. This involved providing technical support for customers like the Government of Canada, IBM, US Navy, US Army, US Air force, Cognos, Hewlet Packard, Veritas, Bell, Ford, and Novell.

8.1 Payroll System

COAST Software

(Sept 2002 – Oct 2003, 1 year, 2 months)

At COAST Software I developed an MS Access based payroll and timesheet management system for internal use.

Technologies: MS Access, .NET, C#

7.5 Trash and Trinkets

Shockwire Technologies

(Jan 2002 - Sept 2002, 9 months)

Trash and Trinkets was a web based company that sold promotional products such as pens, mugs, and T-Shirts. My roll was to lead a team of 3 developers to design and develop a Content Management System (CMS) for the site and to develop an intelligent web based system for collecting specific information for custom orders.

Technologies: MS Access, ASP, VB Script, HTML, .NET

7.4 AudioCaster

Shockwire Technologies

(Sept 2001 - Sept 2002, 1 year 1 months)

The AudioCaster is an FM radio transmitter designed to wirelessly transmit MP3s from your computer to every FM radio in your house. My role at Shockwire was to develop the AudioCaster web site with an online shopping cart, to design the AudioCaster hardware, and to manage production.

Technologies: Hardware Development, HTML, ASP, Shockwave, .NET

7.3 Online Gambling Authority Search Engine

Shockwire Technologies

(May 2001 - Dec 2001, 8 months)

The Online Gambling Authority was an autonomous search engine that would search the internet for gambling sites, scan these sites for credentials, verified 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 false information about themselves. Technologies: Visual Basic, .NET, MS Access, ASP, HTML

7.2 RoboTag

Shockwire Technologies

(Sept 2000 – April 2001, 8 months)

RoboTag was a promotional event I took part in sponsored by Shockwire. The project was to design and develop an autonomous robot that could navigate through a maze and play tag with other robots in the maze. My role was project management of 3 engineers, systems design, software development, and some hardware development.

Technologies: Interactive C++, Hardware development

7.1 Intranet Search Engine

Shockwire Technologies

(Sept 2000 – April 2001, 8 months)

This project was to develop a search engine that would spider through Carleton's internal intranet and provide a web interface to search the content. I was the only developer on this project.

Technologies: Java, HTML, MS Access

6.2 Artillery Regimental Data System (ARDS)

MacDonald Detwiler & Associates

(May 1999 – Dec 1999, 8 months)

This project was to develop a process capture and simulation tool for the Canadian Military. It involved the integration of an existing process capture and simulation tool with an MS Access database and a custom user interface. My role was to integrate existing tools, develop the user interface and develop algorithms to help the Canadian military determine which processes are good candidates for automation.

Technologies: Visual Basic, MS Access

6.1 AHHATS System

MacDonald Detwiler & Associates

(May 1999 – Dec 1999, 8 months)

AHHATS is a flight reservation system used by the Canadian Military. My role was maintenance and further development the system.

Technologies: Sabre QIK, MS FoxPro, Java

5.1 Part-Time Network Support

Carleton University

(Sept 1997 – Apr 1999, 2 years)

Through university I worked as a part time network support technician.

4.1 Information Officer

Health Canada

(May 1998 – Aug 1998, 4 months)

In 1998 I had a summer job working at Health Canada building a number of software and web based tools using Java and Lotus Notes.

3.1 Systems Developer

Tanager Software

(May 1997 – Aug 1997, 4 months)

I developed several custom applications to integrate Tanager's telephony systems with contact management systems such as Maximo and Outlook. I also developed several database conversion applications.

2.1 Assistant Systems Administrator

Nortel

(Jan 1996 – Aug 1996, 8 months)

I developed several PERL, CGI based web sites and several UNIX scripts to perform systems administration tasks.

1.1 Assistant Systems Administrator

Agriculture Canada

(July 1995 – Aug 1995, 2 months)

I provided technical support and performed systems maintenance tasks.

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)

More information about me can be found at www.RobinChahal.com.

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

Project	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, CGI	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	
9.16	8				✓	✓	✓	✓					✓							AWStats, WebSphere	
9.15	9			✓	✓	✓	✓	✓	✓		✓			✓	✓					WebSphere, MS Excel	
9.14	9		✓			✓	✓	✓				✓	✓	✓						Tomcat, WebSphere, Apache, Eclipse, CVS, CLF, CLFv2	
9.13	13		✓			✓	✓	✓				✓	✓	✓						Tomcat, WebSphere, Apache, Eclipse, CVS, CLF, CLFv2, Embedded Tomcat	
9.12	23			✓		✓	✓			✓				✓						WebSphere, Apache, ePass, Secure Channel	
9.11	26		✓			✓	✓	✓					✓	✓	✓					Tomcat, WebSphere, Apache, Eclipse, CVS, CLF, CLFv2, ePass, Secure Channel	
9.10	27		✓			✓	✓	✓					✓	✓	✓					Tomcat, WebSphere, Apache, Eclipse, CVS, CLF, CLFv2	
9.9	27		✓			✓	✓	✓					✓	✓	✓					Tomcat, WebSphere, Apache, Eclipse, CVS, CLF, CLFv2	
9.8	28		✓			✓	✓	✓					✓	✓	✓					Tomcat, WebSphere, Apache, Eclipse, VSS, CVS, CLF, CLFv2	
9.7	12			✓		✓		✓		✓			✓		✓	✓	✓			Interbase, Delphi, MS IIS, MySQL	
9.6	8	✓	✓	✓		✓		✓		✓			✓		✓	✓	✓			My SQL, NetMeeting SDK	
9.5	1		✓	✓		✓		✓				✓		✓				✓		MS Excel	
9.4	1		✓			✓							✓					✓		CLF, W3C	
9.3	2	✓								✓				✓		✓	✓	✓	✓	Validian SDK	
9.2	8	✓								✓				✓		✓	✓	✓	✓	Validian SDK, VoIP	
9.1	3		✓	✓		✓							✓	✓		✓	✓	✓	✓		
8.12	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.11	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest, Tidy	
8.10	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.9	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.8	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.7	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.6	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.5	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest, CLF, W3C	
8.4	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest, W3C	
8.3	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.2	14	✓	✓	✓		✓	✓	✓	✓	✓			✓							COAST WQC, VSS, ClearQuest	
8.1	14	✓	✓	✓		✓	✓	✓	✓	✓			✓								
7.5	9		✓	✓		✓		✓		✓			✓		✓	✓	✓	✓	✓		
7.4	13			✓		✓		✓		✓			✓		✓	✓	✓	✓	✓	Hardware Development	
7.3	8		✓	✓		✓		✓		✓			✓		✓	✓	✓	✓	✓		

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7.2	8	✓				✓								✓		✓	✓	✓	✓	Hardware Development
7.1	8		✓			✓		✓					✓	✓		✓	✓	✓	✓	
6.2	8			✓				✓					✓	✓						MS Excel
6.1	8		✓	✓				✓					✓	✓						FoxPro, Sabre QIK
5.1	24													✓						
4.1	4		✓	✓		✓		✓					✓	✓						Lotus Notes, DB2, Dbase
3.1	4			✓				✓					✓	✓						Maximo
2.1	10				✓	✓			✓						✓					
1.1	2													✓						

EXPERIENCE SUMMARY

This section is designed to help human resource professionals who are trying to match candidates to very specific requirements. Often, the requirements identified do not make a lot of sense but every effort has been made to accommodate these requirements.

Programming, Scripting, and Markup Languages

C: 3 years
C++: 3 years
C#: 1 year
Interactive C: 1 year

Java: 5 years
JavaScript (Java Script): 5 years
JSP (Java Server Pages): 5 years
J2EE (Java 2 Platform, Enterprise Edition): 2 years
EJB (Enterprise Java Beans): 2 years
Java Beans: 5 years
Velocity Templates: 1 year

OOP (Object Oriented Programming): 10 years
Real Time Programming: 3 years

VB (Visual Basic): 10 years
VBScript (Visual Basic Script) :10 years
ASP (Active Server Pages): 5 years

PERL (Practical Extraction and Reporting Language): 3 years
CGI (Common Gateway Interface): 3 years
PHP (Personal Home Page Hypertext Preprocessor): 2 years

HTML (Hypertext Markup Language): 10 years
XHTML (Extensible HyperText Markup Language): 1 year
XML (Extensible Markup Language): 5 years
DTD (Document Type Definition): 1 year
SQL (Structured Query Language): 10 years
Regular Expressions: 5 years
UML (Unified Modelling Language): 5 years
Use Case Diagrams: 5 years

Frameworks

.NET: 5 years
Spring: 3 years
Hibernate: 2 years
iBATIS: 1 year

Databases

MS SQL Server (Microsoft SQL Server): 5 years
MS Access (Microsoft Access): 10 years
Sybase: 3 years
FoxPro: 2 years
dBase: 1 year
Lotus Notes: 1 year

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Oracle: 1 year
Maximo: 1 year
Interbase: 1 year

OS (Operating Systems):

MS Windows (Microsoft Windows): 12 years
MS Windows 3.11: 5 years
MS Windows 95: 10 years
MS Windows 98: 8 years
MS Windows ME: 6 years
MS Windows NT 4.0: 10 years
MS Windows NT 4.0 Terminal Server: 1 year
MS Windows 2000: 6 years
MS Windows XP: 6 years
MS Windows Media Center: 1 year
Linux: 10 years
Unix: 10 years
Solaris: 10 years

IP (Internet Protocols)

TCP/IP: 10 years
UDP: 10 years
RTP: 3 years
HTTP: 10 years
VoIP: 2 years
Video Conferencing: 1 year
SOAP: 10 years

SDK (Software Development Kits)

Validian SDK: 1 year
Netmeeting SDK: 1 year
Maximizer SDK: 1 year

API (Application Programmer Interface)

MS Office API: 10 years
MS Word API: 10 years
MS Access API: 10 years
MS Outlook API: 10 years
MS Excel API: 10 years

Applications

MS Office: 15 years
MS Word: 15 years
MS Access: 10 years
MS Outlook: 15 years
MS Excel: 15 years
MS FrontPage: 10 years
MS Power Point: 10 years
MS Works: 5 years
Adobe Dreamweaver: 4 years
Adobe Photoshop: 5 years
Adobe Acrobat: 10 years
Adobe Illustrator: 5 years

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SQL Server Enterprise Manager: 5 years
JBuilder: 10 years
Eclipse: 3 years
Visual Studio : 10 years
VSS (Visual Source Safe): 4 years
Rational ClearQuest: 1 year
Rational Rose: 1 year
Rational Rose Real Time: 1 year
CVS (Concurrent Versioning System): 3 years
Sybase SQL Advantage: 3 years
Sybase Central: 3 years

Other

Leadership: 5 years
Management: 5 years
Sales: 4 years
Public Speaking: 2 years
Technical Support: 3 years