

# SHAZRON ABDULLAH

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## EXPERIENCE

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2008– 2009      **ZoomTown Development Corp.**      Vancouver, Canada  
*Senior Software Engineer / Team Lead*

- Implemented and deployed the back-end systems for Chatter, a Facebook chat application with a rich user interface
- Implemented and deployed the back-end systems as well as website development of SocialU.com, a social networking site geared for youth aged 14-25, which included a virtual product store. Technologies used include Adobe AIR, Microsoft ASP.NET MVC, jQuery and SQL Server 2005.

2005– 2008, 2009      **Atimi Software** (www.atimi.com)      Vancouver, Canada  
*Senior Software Engineer / Team Lead*

- Team lead for a project that created a mini-application companion for the messaging/calendaring application of a major commercial Office Suite, that will be shipped with the Office Suite (Mac OS X)
- Team lead , and designer for a Microsoft Windows port of a multimedia voice transcribing application originally developed for Mac OS X, for the medical industry (Microsoft Windows)
- Ported an OpenGL CAD Mac OS X Cocoa design application to Windows using C# (Microsoft Windows) , which involved creating our own Cocoa layer implementation in C#
- Team lead for a project involving the low-level binary cleaning of Microsoft Office documents for sensitive data (Microsoft Windows)
- Team lead for a project that created an application to control custom paint machinery, for mixing paint colorants (Microsoft Windows)
- Team lead for a project that created an application for colour proofing in a pre-press workflow, for a major commercial ink /pigment corporation (Mac OS X)

2003– 2005      **NS8 Corporation** (www.ns8.com)      Vancouver, Canada  
*Senior Software Engineer / Team Lead*

- Server systems project leader of NS8's Library Distribution Management System (LDMS), a highly scalable, distributed and reliable content distribution and management system for IPTV and video on-demand networks
- Implemented the casting management website (Reelindie.Net) on ASP.NET and SQL Server 2000. Also developed a port of our product to the J2EE platform on Windows and Linux systems.

2002-2004 **International Logging Inc.** (www.inter-log.com) California, USA  
*Independent Software Developer*

- Creatively produced a Scalable Vector Graphic (SVG) graphing module for International Logging Inc (www.inter-log.com) that graphs mud logs of oil well data. The system is a Microsoft IIS extension that grabs mud log data from a SQL Server 2000 database, and converts it to an interactive graphical representation defined by the user, in near real time. See the case study at <http://shazron.com/sgc>
- The success and effectiveness of the graphing module resulted in its deployment in oil well trailers worldwide, mainly South-East Asia (Malaysia), the U.S.A (Texas) as well as the Middle East

2001 -2002 **Savage Software Inc.** Vancouver, Canada  
*Windows and Unix Software Developer*

- Responsible for the server-side functions of the firm's product, DataSlinger. DataSlinger is an imaging server which is similar to Adobe's Graphics Server, and it is mainly used in the CAD/Engineering industry for dynamic and interactive viewing of engineering diagrams, and runs on the Windows NT/2000 and Solaris 8 operating systems
- Successfully coded new features, server tools, modules and extensions for DataSlinger (Java based server)
- Created and efficiently maintained several plug-ins and extensions for Adobe's products, Macromedia Dreamweaver and Microsoft IIS to interface with DataSlinger
- Implemented a Scalable Vector Graphic (SVG) to Macromedia Flash (SWF) converter module for DataSlinger

1997-2000 **Centrinity Inc.** Markham, Canada  
*Software Developer*

- Developed Zebu 1.82, (a product of the former MC<sup>2</sup> Learning Systems Inc. that merged with Softarc Inc, forming Centrinity Inc). Zebu was made to work with Softarc Inc.'s FirstClass groupware product (3rd in the market behind MS Exchange and Lotus Notes)
- An asset to the construction of a new product that uses Zebu collaborative project based learning concepts that works natively with FirstClass Intranet Server
- Lead developer for MC<sup>2</sup>'s Jungo product, as well as for Zebu 1.8. Main expertise was in Java, Swing, and Perl

## EDUCATION

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2002                      University of British Columbia                      Vancouver, Canada  
*Bachelor of Science*

- Major - Computer and Mathematical Science undergrad

1997      British Columbia Institute of Technology (BCIT)                      Burnaby, Canada  
*Associate's Degree, Computer Systems Technology*

- Major - Technical Programming
- 80% grade average on 140 credits. Courses in System Analysis and Design, Business Communications, C/C++ programming, Microsoft Windows & OS/2 programming, Financial Accounting, Database Systems, Data Communications, Computer Graphics and Operating Systems

1987-89      Raffles Institution                      Singapore  
Student at the renowned top secondary school in South East Asia

## TECHNICAL SUMMARY

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Programming/Scripting  
Languages and Technologies  
Experience

**(12 years total experience,  
overlapping: 4 years Java, 7  
years C/C++, 4 years .NET)**

- Java
- C++
- ASP.NET
- JavaScript/DHTML
- XHTML
- Perl
- Visual Basic
- Shell Scripting
- Ruby
- C#
- C /Objective-C
- .NET Framework
- SVG
- XML
- T-SQL
- Stored Procedures
- PHP
- OpenGL

Programming/Collaboration  
Environment Experience

- Microsoft Visual Studio.NET 2005
- Borland JBuilder
- CVS
- FirstClass
- StarTeam
- Perforce
- Xcode & CodeWarrior
- RCS
- ANT
- TeamCoherence
- Subversion
- JIRA

Operating System Experience

- Microsoft Windows 9x/NT/2000/XP/Server 2003/Vista
- Unix (Solaris, HP-UX, Linux, BSD)
- Mac OS 9, X (10.4 Tiger)

Application Development  
Experience

- Object Oriented Design and Development, Architecture
- Windows programming using C/C++/C# (MFC, ATL, Win32)
- Database administration, stored procedure scripting with SQL Server 2000
- Java user interface/server programming using Sun's J2SE, JNI, J2ME, J2EE
- C# TCP/IP socket server development
- Web development using ASP.NET (C#) web services and applications
- Apache's Xerces, Batik and TomCat
- OS/2 user interface programming using C++
- Macromedia Flash development
- Mac OS X (Cocoa / Carbon)