

# Michael H. Buselli

Spring Grove, Illinois  
+1 847-380-1835  
michael@buselli.com  
<http://www.linkedin.com/in/buselli>

For more detailed information, view the interactive version of this resume here: [http://cosinewave.com/Resume-Michael\\_Buselli.html](http://cosinewave.com/Resume-Michael_Buselli.html)

## Personal Statement

My passion for working with applications—whether building them or decomposing them—drives my career. I have professional experience as a developer, a systems administrator, and a security architect. I love working directly with clients, strive to provide the best value for my time, and I take pride in the quality of the work I deliver.

## Employment

### **Development Manager** (*January 2013 – September 2013*)

Aon Hewitt

Promoted from Development Team Lead

- Managed team of 8–12 developers, most using C# .NET.
- Helped business unit deliver new CRM and phase out a legacy application.
- Facilitated transition of development from third party development companies to internal staff.
- Integrated agile methodologies into the organization.
- Other Technologies: Microsoft Dynamics CRM, Visual Studio, Team Foundation Server (TFS)

### **Ruby on Rails Development Team Lead** (*February 2012 – January 2013*)

#### **Senior Ruby on Rails Developer** (*May 2011 – February 2012*)

Aon Hewitt

Converted from contract via Technisource (*May 2011 – February 2012*)

- Developed software with Ruby and Rails.
- Team deployment leader and security group liason.
- Other Technologies: Capistrano, RSpec, Factory Girl, Git, Subversion

### **Senior Software Engineer** (*October 2009 – May 2011*)

Follett Software Company

- Developed software with Ruby, Rails, Python, and PHP.
- Worked in agile environment with pair programming.
- Other Technologies: Capistrano, Hudson, RSpec, Cucumber, Factory Girl, Javascript, jQuery, Selenium, Selenium Grid, JMeter, X.509 Certificates, Redmine, Git, Subversion

### **Senior Tools, Systems, and Software Engineer** (*February 2009 – October 2009*)

Follett Digital Resources

- Self-directed position providing development team support for Git, StarTeam, Confluence, and JIRA.
- Introduced Kerberized Linux configuration for system authentication with Active Directory.
- Wrote program to migrate StarTeam data into Git and validate migrated code repositories.
- Other Technologies: Hudson, Ruby, RSpec, Selenium, JMeter, X.509 Certificates, Subversion

### **Self-Employed** (*full-time July 2008 – February 2009; part-time February 2009 – Present*)

as CosineWave Technologies Inc.

- Worked as an independent consultant providing security expertise and software engineering to clients and partners.
- Technologies: Solaris, JASS, IKE/IPSec VPNs, Visual Basic for Applications (VBA), Ruby, Python, Django

### **Software Engineer** (*part-time November 2007 – December 2008*)

WhyGoSolo

- Software development for main application using Ruby on Rails.

- Managed company's main Linux system for several months.
- Other Technologies: RSpec, Javascript, Prototype, Subversion

### **Information Security Architect (July 2004 – July 2008)**

CCC Information Services Inc.

- Helped company achieve Sarbanes-Oxley compliance.
- Communicated customer security requirements to the business and documented business practices for customers.
- Reviewed architectural security and assessed prospective risk for company software releases.
- Coordinated with security vendors during third-party vulnerability assessments.
- Wrote secure web coding standards, based on OWASP, and trained developers on application security issues.
- Scanned systems for network vulnerabilities with nCircle IP360 and worked with teams to mitigate standard OS vulnerabilities.
- Wrote business cases for projects to improve security.
- Used Snort and Sourcefire 3D with RNA to detect potentially malicious attacks that could threaten the enterprise.
- Provided technical leadership and assistance to Unix team, and worked 50% on front-line support when the Unix team was short staffed between March 2006 and March 2007.
- Created Red Hat Kickstart environment for automated building of Linux servers.
- Specified standard build for Red Hat Enterprise Linux systems.
- Other Technologies: Solaris, Jumpstart, JASS, BIND, NFS, Wireshark, Perl, LDAP, PCI, HIPAA

### **Senior Unix Systems Administrator (May 2001 – July 2004)**

#### **Unix Systems Administrator (May 1999 – May 2001)**

Abbott Laboratories, Global Technology Solutions (GTS), Global Pharmaceutical Research and Development (GPRD)

- Systems administrator for Solaris, IRIX, Linux, HP/UX, and Tru64 systems in support of GPRD.
- Administered firewalls, hardened Internet facing services, and participated in corporate wide Operations Security Council.
- Responsible for drafting and executing project plans including requests for capital and non-capital expenditures.
- Created completely automated Solaris Jumpstart environment and patch infrastructure via network boot.
- Used Perl to write enterprise software configuration management program and maintain specialized NIS environment.
- Wrote a custom Samba VFS module in C.
- Lead several instructional sessions on "Topics in Unix" that covered scripting in shell and Perl, and introductions to various Unix programs.
- Other Technologies: BIND, Sendmail, Kornshell, NIS, NFS, Sun snoop, RPM, Compaq storage arrays, CVS, SecurID

#### **Unix Systems Administrator (March 1998 – May 1999)**

First Options of Chicago

- On team of six responsible for ninety Sun machines
- Technologies: SunOS, Solaris, Join DHCP/DDNS, aspppd

#### **Systems and Software Engineer (April 1997 – March 1998)**

Spark Services, Inc.

- Programmed in C, C++, and REXX for OS/2 console and graphical applications
- Handled credit card transactions and telephony applications
- Other Technologies: PVCS, CVS, Oracle RDBMS, PL/SQL

**Part-time Computer Technician** positions at The University of Chicago while in school

### **Miscellaneous**

- Speaking experience and provided training
- Training received and attended conferences
- Contributes open source software to the community
- Certification: Certified Information Systems Security Professional (CISSP)
- Membership: IEEE Computer Society
- Education: The University of Chicago, Bachelor of Science, Mathematics
- Leadership: Unity of Lake County, President 2004–2005, Board of Directors 2003–2005
- Leadership: Resident Computing Coordinator experience at The University of Chicago
- Scholastic Competitions: First place Rose-Hulman High-School Mathematics Contest (individual) and National GTech Computer Contest (team)
- Home user of Linux since May 1994, OpenBSD since March 1998, and Mac OS X since December 2004.