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|---|---|
| Development Languages / Environments | Ruby on Rails, Java, PHP, HTML / Javascript AJAX, shell scripting, Facebook Application Platform |
| Java Technologies | Java EE (J2EE), EJB, JMS, JSP, JSF, Jasper Reports, XML processing, DWR AJAX Web applications, Swing, Hibernate, JBoss Portal, JBoss Rules, jBPM, JNLP Java Web Start |
| Communication services | LDAP, DNS, SMTP, HTTP, FTP SSH, Jabber, Web Services |
| Operating systems | Linux / UNIX, Microsoft Windows, Mac OSX |
| Database administration and development | MySQL, Postgresql, MS SQL, Oracle |

LookSmart Canada – Senior Software Engineer

June 2011 – November 2011

- First Canadian engineer in team transition from San Francisco to Waterloo, Ontario
- Maintenance, support, and feature development for a Ruby on Rails application
- Interviewing, hiring and mentoring software engineers
- Development and optimization of SQL in an Oracle environment
- Assessing, diagramming and documenting system architecture and business processes

Unspace Interactive – Ruby on Rails Developer

April 2010 – June 2011

- Full stack development of Ruby on Rails based client projects in various industries
- Problem solving for HTML5 / Javascript and browser compatibility issues
- Major Projects include:
 - Girth Music (<http://www.girthmusic.com/>) - A web based music discovery engine
 - Leadformance (<http://www.leadformance.com>) – SaaS application providing business locator, promotions management, simple CRM and other features
 - Gloveslap – Competition based social network

Watermark Insurance – Developer (Contracted by Three Wise Men)

October 2009 – April 2010

- Maintaining and developing software facilitating the back office integration with various Insurance Providers web services (ie, RBC, Manulife)
- Development of a backend project running on the GlassFish J2EE platform
- Development of a mix of front and back end projects deployed on GlassFish using JRuby and the Ruby on Rails Platform

Mosaic Sales Solutions – Interactive Developer

May 2008 – June 2009

- Developed Brand Management System – A Ruby on Rails based content management system hosting various clients sites
- Integrated with the Facebook API

TSOT Inc. – Senior Developer

September 2007 – February 2008

- Ruby on Rails development of Sorority and Fraternity Social Networks.
- Integration and setup of Ferret – A Ruby text search engine library.
- Architecting Virtualization techniques for Development / QA / Production techniques.
- Setup and Maintenance of production infrastructure.

TD Securities – Software Developer (Contracted by Procace Consulting)

May 2007 – October 2007

- Performing various Development, Business Analysis and Data Transformation duties as part of a 15 person team.
- Team mandate: Replace TD Securities legacy Fixed Income products trade management platform with the Calypso platform.
- Designed and programmed Data Transformation processes to facilitate data query and transfer from a legacy iSeries AS/400 DB2 backed platform to the new platform backed by Oracle 10g.
- Developed performance testing procedures and applications.
- Designed and implemented systematized project build process.

Three Wise Men Software Development and Consulting

October 2004 – March 2007

- Managed the professional services division of a 5-8 person software development company
- Performed project management of small development teams adhering predominantly to Agile Software Development framework principles
- Maintained stakeholder liaison with various corporate clients (Rogers Communications, Inc., Aviva Canada, Lakeridge Health and others)
- Developed web applications on Java EE (JBoss, Geronimo), Microsoft .Net, Ruby on Rails
- Introduced and developed Business Intelligence development services.
- Developed a proprietary reporting format (TWM-REP) consisting of Jasper Reports, custom scheduling scheduling with a web based administrative component
- Developed Java EE Portlets for deployment on the JBoss Portal server

TouchBase Consulting Inc. - Freelance Developer

2001 – Present

- Performing entire project life cycle management – requirements gathering, solution architecting / proposing, project management during development and post development support
- Developing and performing administrative tasks of Java EE, Ruby and PHP applications deployed on mixed Linux and Windows environments
- Developed Web based and Desktop (SWING and SWT) applications
- Clients include: Three Wise Men Software and Development, Cornell University, Blue Cat Design, Upward Motion

The Learning Library

1999 – 2001

- Responsible for administration of a Windows NT 4.0 network with approximately 20 clients
- Administration of a Real Networks Media Server delivering Educational Videos
- Architected and developed internal and external ASP and Cold Fusion based web applications

Example Projects

Carpool Connect (www.carpoolconnect.com)

2001 – Present

- Ruby on Rails project providing online carpool matching and communication
- Development of GIS components for radial search matching
- Ajax style web based mapping application integration

Open Source Projects

- Ruby Geonames Library – http://www.tbcn.ca/ruby_geonames
- Ruby Caching Library – <http://www.tbcn.ca/callcache>
- Contributions:
 - Research In Motions Ripple-UI – <https://github.com/blackberry/Ripple-UI>
 - pie-bakery – <https://github.com/blazingcloud/pie-bakery>