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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
Database administration and development	MySQL, PostgreSQL, MS SQL, Oracle

Project X Labs – Senior Software Engineer

November 2011 – Present

- Development and operations of a Ruby on Rails SaaS application providing mapping visualizations on top of the MicroStrategy BI platform
- Plugin development with the MicroStrategy Java SDK
- Integration of Google Maps Enterprise and OpenStreetMaps APIs
- Mapping data management and querying utilizing PostGIS
- Search indexing with Thinking Sphinx
- Deployment and system provisioning with Chef at Engine Yard and Vagrant VMs

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

Open Source Projects

- Green Parking Toronto - <https://github.com/adamw523/Green-Parking-Toronto>
- Ruby Geonames Library – http://www.tbcn.ca/ruby_geonames
- Contributions:
 - Ripple-UI by Research In Motion – <https://github.com/blackberry/Ripple-UI>
 - pie-bakery – <https://github.com/blazingcloud/pie-bakery>