

## Summary profile

- 5+ years of experience working with Relational Databases. This includes Oracle 10g (RDMS/ODMS), MySql (RDMS).
- 3+ years of experience using middle tier caching layer services, including Redis and Memcache.
- CompTIA Network+ Certified Professional
- 3+ years of web application development. Current technologies include: PHP5, JQuery, JSON, Apache2, MySql, Redis, Meteor.js, Angular.js, handlebars.js
- Experience in designing Role Based Access Control systems for web application backend systems.
- Experience in integrating systems with a web service API, including RESTful, SOAP, WSDL, NVP and CURL.
- Experience in both waterfall and agile SDLC strategies
- Actively participate in all phases of project planning, including the requirements gathering and project scoping phases.

## Summary of SKILLS

- **Technology / Framework / Programming Language**  
JavaScript, NodeJS, Underscore.js, Backbone.js, Twitter Bootstrap, Grunt, NPM, Bower, PHP5 MVC, AJAX, jQuery, WebServices, CodeIgniter, CI Sparks, DBForge, RESTful Services, SOAP, JSON, XML, HTML5, CSS3, Java, JDBC, JSP, meteor.js, handlebars.js, Underscore.php, NVP, ASP.NET
- **DBMS / Data Storage**  
Oracle 10g, MySql, MS Access, Redis, Memcache, MongoDB, Deployd
- **Tool / Environment**  
Linux, LAMP, Mac OSX, MAMP, xdebug, phpmyadmin, netbeans, sublime text 2, GIT, Github, BitBucket, Stash, JIRA, ExactTarget, Make, Firebug, I3wm, McAfee PCI, MS Visual Studio, Adobe PhotoShop
- **Architecture / Solutioning / Design**  
Client/Server architecture, N-Tier architecture, Service Oriented Architecture (SOA) solutions, Software as a Service (SaaS)
- **Modeling / Design**  
UML, Design Patterns and Anti Patterns, Object Oriented Analysis and Design (OOAD), Model-View-Controller (MVC), Domain Model Architecture, Data Flow Diagram (DFD), Service Oriented Architecture Modeling Language (SoaML), System Sequence Diagrams (SSDs), Use Case Modeling
- **Process / Methodology / Project Management**  
Agile Methodology, Extreme Programming (XP), Scrum, Kanban, JIRA, Capacity planning, Project planning, Risk assessment, Quality control and assurance

## Professional Experience

Synacor Inc.

October 2013 - Present

### Engineer, Email Team

The role of front-end engineer for the email team at Synacor required extensive knowledge of JavaScript (particularly the BackboneJS AMD framework), AJAX, HTML5, CSS3, NodeJS, and other related web technologies. The front-end developer was also responsible for developing impromptu solutions for a face paced, client driven environment while developing the next generation of mobile web mail experience.

**Technologies and Tools:** NodeJS, Grunt, BackBone, underscore, QUnit, requires, npm, bower, jquery, bootstrap, font-awesome, momentjs, log4javascript, lesshat, LESS, hammerjs

### Key Responsibilities

- Architected the use of requirejs as the primary AMD loader with BackBone
- Lead successful migration from private git repositories to the use of Atlassian Stash/Crucible (with new workflow for code reviews).
- Development of simple grunt configuration (<https://github.com/morriswchris/grunt-simple-config>), spread across multiple modules, for easy additions to our development stack without merge conflicts
- Development of pre-compiled template manager for use in BackBone. Created with the grunt-contrib-jst task for build time compilation and AMD namespacing using folder directories.
- Development of grunt-jst-i18n (<https://github.com/morriswchris/grunt-jst-i18n>) for extrapolation of templates containing dynamic data as well as i18n data. The grunt task allows for one template to be extrapolated into static html for all supported locales, based on language module directories.
- Lead initiative for TDD using requirejs and QUnit. Added grunt-contrib-qunit support to ensure full test coverage during builds process.
- Created environment documentation for onboarding of new developers to the email team. Documents included coding conventions, template manager, i18n, logging, architecture, Stash transition.
- Completed code reviews and merging of branches for other team members using the GitFlow Workflow.

GSW Advertising

May 2013-October 2013

### Backend Web Developer

The role of backend web developer at Jeffery Simbrow Associates (JSA) consisted of more than just the normal web developer responsibilities. The backend web developer is responsible for the development, maintenance and updates to websites and/or web technology related projects through the collaboration with respective team members to ensure that all pertinent concerns have been addressed and agreed upon. Additionally, the backend web developer must problem-solve and explore innovative solutions to issues that arise as well as identify ways to save time where applicable and confirming feasibility of proposed creative ideas.

**Technologies and Tools:** PHP5, MySql, Ubuntu, Assembla, Git, SVN, netbeans, sublime text 2, xdebug, backbone.js, underscore.js, JSON, JQuery, Bootstrap, CodeIgniter, Razor, ASP.NET, Apache, IIS

### **Key Responsibilities**

- Create and implement version control software for better management and accountability of code.
- Create and implement agile methodologies for faster development cycles.
- Implement ticket management software (Assembla) for better communication and tracking of project tasks.
- Provide backend support for client hosting needs. Including the setup of vhosts, various stacks and server environments.
- Engage in interesting/innovative technology discussion to better educate a transforming organization to the world of web programming.
- Backend development for server-side level tools and utilities
- Frontend development for both user and merchant facing aspects of the web application
- Both frontend and backend development for CMS tools needed for day-to-day operations

DealFind.com

2012-2013

### **Developer**

The development team is responsible for the migration and integration between two of the most predominate daily deal websites in Canada; Dealfind.com and Buyers Unite Inc. (teambuy.ca). With the merger, the development team will be migrating the current DealFind.com database to the teambuy.ca platform, as well as expanding the teambuy.ca web application to support US funds. Post migration, the development team is responsible for daily health of the web application as well as future expansion requests.

**Technologies and Tools:** PHP5, MySQL, RHEL6, Ubuntu, Redis, Memcache, Jira, HipChat, Github, Git, netbeans, sublime text 2, xdebug, SOAP, WSDL, backbone.js, underscore.js, JSON, JQuery, Bootstrap, ExactTarget, Netbanx (Optimal), CodeIgniter

### **Key Responsibilities**

- Lead migration of user and merchant data from Dealfind.com to teambuy.ca, including seamless user password migration to new hashing scheme
- Lead migration and API integration of Netbanx (Optimal) for US currency support and credit card tokenization.
- Lead migration for US/CAD currency support of promotion codes.
- Day-to-day support for issues that arise within the application
- Backend development for server-side level tools and utilities
- Frontend development for both user and merchant facing aspects of the web application
- Both frontend and backend development for CMS tools needed for day-to-day operations of the site

Buyers Unite Inc.

2011-2012

### **Software Engineer**

The software engineering team at Buyers Unite Inc. (www.teambuy.ca) is responsible for providing solutions to both new features and current issues faced by a mid-sized e-commerce platform. As a member of the engineering team, my main responsibilities are to utilize state of the art and emerging web technologies to provide the greatest solution for both the business and the customers while obtaining a high level of web site availability.

**Technologies and Tools:** PHP5, MySQL, RHEL6, Ubuntu, Redis, Memcache, Jira, Github, Git, netbeans, sublime text 2, xdebug, SOAP, WSDL, backbone.js, underscore.js, JSON, JQuery, Bootstrap, ExactTarget, Netbanx (Optimal), CodeIgniter

### **Key Responsibilities**

- Lead migration and API integration for moving current list based subscriptions to data extensions in ExactTarget.
- Lead implementation of Role Base Access Control (RBAC) system for CMS platform
- Support and continue development of Linkshare / Pepperjam affiliate network integration
- Lead migration and API integration of Netbanx API (Optimal) while still allowing PayPal express and a checkout option.
- Day-to-day support for issues that arise within the application
- Backend development for server-side level tools and utilities
- Frontend development for both user and merchant facing aspects of the web application
- Both frontend and backend development for CMS tools needed for day-to-day operations of the site

Buyers Unite Inc.

2010-2011

### **Quality Assurance Manager / Junior Developer**

Buyers Unite Inc., better known by its website address as [www.teambuy.ca](http://www.teambuy.ca), is a startup group-buying platform, originating in Toronto. This website is operated and maintained by a five-man development team. The role of junior developer consisted of day-to-day operational tasks, such as bug fixing and database queries, while attaining further development initiatives of the current platform. The quality assurance manager position required spearheading a quality assurance program that consisted of unit testing and regression testing.

**Technologies and Tools:** PHP5, MySql, Ubuntu, Memcache, Redmine, Unfuddle, Github, Git, netbeans, SOAP, WSDL, JSON, JQuery, CodeIgniter, VMware, McAfee PCI, PCI

### **Key Responsibilities**

- Lead integration of unit test and regression test framework development. This includes setting up templates, coverage scripts and process documentation.
- Lead application wide security audit process by external security experts. Research industry standard solutions to security issues and apply appropriate patches.
- Aid in migration from company UAT testing suite on Google docs towards proper acceptance testing framework with unit test and regression test tracking.
- Member of development team responsible for implementing a Merchant Control Panel facet of the platform.
- Frontend/backend developer for all user facing facets of the web application
- Frontend/backend developer for CMS platform.

### **Education**

- B.A., Specialized Honours in Information Technology (Technology and Society)
- CompTIA Network+ Professional
- PADI certified scuba diver