

MARK GARDNER

15211 Park Row
Apartment 1337
Houston, TX 77084

Email: mjg@phoenixtrap.com
Phone: (215) 534-2301

OBJECTIVE: Maximize the value of my employer's investment in information technology through the development of innovative software systems.

TECHNOLOGIES

Operating Systems & Environments: Linux, Unix (Apple macOS, FreeBSD, HP-UX, Cygwin, Solaris), Microsoft Windows

Software & Platforms: LAMP stack (Linux, Apache HTTP Server, MySQL, Perl 5/PHP); Moose/Moo; CPAN; DBI; DBIx::Class; Catalyst; Mojolicious; Apache Ant, Maven, Tomcat, mod_perl, Subversion; Google Apps; Microsoft Office, Internet Information Services (IIS); nginx; OpenOffice.org; OpenLDAP; OpenSSH; OpenSSL; Oracle Database 8i, 9i, 10g, 11g, Application Express, SQL Developer, VirtualBox, WebLogic 10; Yahoo! UI Library (YUI); CVS; Git; GitHub; GitLab; FogBugz; Bugzilla; Mantis; RT; Trac; Atlassian Bamboo, Bitbucket, Confluence, Crowd, Fisheye, JIRA; Emacs; Vim; jQuery; Node.js

Standards, Languages & Disciplines: Modern Perl 5; PHP 4; JavaScript; CGI; PSGI; SQL, PL/SQL; (X)HTML; DOM; SAX; CSS; XML; XSLT, XPath; REST; SOAP; WSDL; OpenAPI; RSS; Atom; AJAX; Unix shell; LDAP; object-oriented design and analysis; agile/scrum, iterative and SDLC/"waterfall" development; relational database design; web content management

EMPLOYMENT HIGHLIGHTS

Oct 2018 – present: Senior Software Developer, HostGator, Houston, TX

Working on customer-facing control panel and related backend systems, including:

- Development of separate REST-based microservices in Perl 5 and Mojolicious for provisioning users of Microsoft Office 365 service and collecting information about products used in shared hosting environments

Apr 2016 – Oct 2018: Developer II, cPanel, L.L.C., Houston, TX

Triaged and developed solutions to issues found in the cPanel and WHM products licensed to web hosting providers.

Developed several new features in Perl, including:

- Defaulting email spam screening to "on" upon user creation
- Enabling user comments when configuring remote MySQL database servers

Dec 2014 – Feb 2016: Software Engineer, ZipRecruiter, Santa Monica, CA (remote)

Contributed to the further development of a leading online job board, building features to improve customer success and sales automation using Perl, Catalyst, DBIx::Class, Template Toolkit and MySQL on Amazon Web Services (AWS) Elastic Compute Cloud (EC2). Developed and released several open source Perl libraries:

- WebService-Avalara-AvaTax, an interface to Avalara sales tax platform using Avalara's SOAP APIs
- XML-CompileX-Schema-Loader, for recursively building a Perl interface to SOAP APIs from WSDL and XSD files
- LWPx-UserAgent-Cached, for interacting with web resources with a caching layer to improve performance

Apr 2013 – Nov 2014: Senior Engineer, Aria Systems, Broomall, PA

Took ownership of a large Perl-based middle tier of Aria's cloud-based SaaS recurring billing platform.

- Rapidly developed utilities for extracting and decrypting credit card data in response to court orders
- Integrated third-party NetSuite CRM system using NetSuite's SOAP APIs

Jan 2009 – Mar 2013: Build Engineer, eBay Enterprise/GSI Commerce, King of Prussia, PA

Part of a team supporting 300+ Java developers across dozens of shared Linux WebLogic and Apache Tomcat development and integration environments, managing source code repositories for three e-commerce platforms for 70+ major brand retailers. Focused on developing automated solutions in Perl including:

- Scheduling automatic merges across CVS and Subversion branches to enable highly parallel development
- Subversion event hooks for per-project commit authorization to Atlassian Crowd and Oracle Database, including development of open source SVN-Simple-Hook, SVN-Tree, and Tree-Path-Class utility libraries
- Automating Apache Maven for multi-project releases, including development of the open source XML-Ant-BuildFile library for parsing Apache Ant build scripts
- Administration of Atlassian Bamboo, Confluence, Crowd and JIRA development tools, including development of Dist-Zilla-Plugin-WSDL library for automated creation of Perl modules based on Atlassian SOAP interfaces

Nov 2007 – Nov 2008: Senior Perl Application Developer, USA Technologies, Malvern, PA

Developed, tested and deployed enhancements and bug fixes for object-oriented Perl-based event-driven payment messaging system, using Oracle 10g database backend on Sun Solaris, CVS version control and Bugzilla issue tracking.

Oct – Nov 2007: Web Developer, Comcast, Mount Laurel, NJ (contract)

Initiated development of an intranet site delivering summaries of national service desk activity and performance used by senior executives to determine network direction. Created MySQL databases and Corda CenterView web-based dashboards, along with supporting scripts to collect and process incoming data.

Feb – Oct 2007: Perl Developer, TruePosition, Berwyn, PA (contract)

Iterative development of intranet software supporting TruePosition's wireless location services for domestic and international mobile carriers. Used LAMP mod_perl-based template-driven framework. Installed and administered Subversion and Trac for version control, documentation and issue tracking.

Dec 2006 – Feb 2007: Software Engineer, PayQuik, Bala Cynwd, PA

Developed and tested PHP and Oracle 10g software components for PayQuik's branded international money remittance service. Used CVS for version control.

Oct 2005 – Dec 2006: Project Consultant, Bristol-Myers Squibb, Princeton, NJ (contract)

Developed, maintained and supported Perl- and Oracle Application Express-based database management software tools, using self-installed Subversion repository for version control.

Jun – Sep 2005: Contract Web Developer, self-employed, Warrington, PA

Project-based development of e-commerce applications for various clients., including use of the following tools and technologies: Linux, Apache HTTP Server, MySQL, Oracle 9i, mod_perl, PHP, CVS, RCS, FogBugz.

Dec 2004 – Mar 2005: User Interface Developer, Lucid Security, Ambler, PA

Iterative redesign of the management interface software for Lucid's ipANGEL network security appliance, including visual mockups, wireframes, and PHP 4 code.

Oct 2004: Data Migration Consultant, Cingular Wireless (contract)

Iteratively developed Perl data parsers and cleanup scripts for cellular network inventory and provisioning database.

Dec 1995 – Aug 2004: Senior Systems Analyst, Merck & Co., Whitehouse Station, NJ and West Point, PA:

2003 – 2004: Enterprise Architecture Analyst, West Point, PA

2002 – 2003: Senior Architecture R&D Analyst, Whitehouse Station, NJ

2000 – 2001: Web Application Test Lab Manager, West Point, PA

1998 – 2000: Information Services Webmaster, Whitehouse Station, NJ

1995 – 1998: Internet Webmaster, Whitehouse Station, NJ

SOFTWARE RELEASED (Perl 5 module distributions)

App::DBCritic	LWPx::UserAgent::Cached	Tree::Path::Class
Data::Compare::Plugins::Set::Object	MooseX::Types::XML::LibXML	WebService::Avalara::AvaTax
Dist::Zilla::Plugin::RequiresExternal	SVN::Simple::Hook	XML::Ant::BuildFile
Dist::Zilla::Plugin::UploadToSFTP	SVN::Tree	XML::CompileX::Schema::Loader

PATENT AWARDED

United States Patent # 9,384,286: Composite search results (co-inventor with Hugh Williams and Valerie Nygaard of eBay)

EDUCATION

Nov 2018 – May 2019 Full-stack web development boot camp, University of Texas Center for Professional Education

2014 – 2017 Undergraduate Computer Science, Independence University, online program
Graduated Cum Laude, 3.58 GPA