

Bill Martin

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Summary of Qualifications

Full stack web developer with strong written and verbal communication skills who follows best practices and latest development trends.

- 10 years of web development experience with PHP, SQL, JavaScript, HTML, and CSS
- Proven background in designing, developing, and deploying high-volume web applications
- 6 years of enterprise experience working with teams consisting of multiple developers, business analysts, QA testers, project managers, and various stakeholders

Professional Experience

Web Developer at Healthplan Services, Tampa, FL

Apr 2010 – Present

- Designed and developed XML/JSON web APIs & batch jobs with PHP 5 that tokenized payments and submitted enrollments from the HPS health insurance marketplace.
 - Interfaced with SOAP ASP.NET WCF web services secured with binary tokens, certificates, and encryption as well as JSON APIs with security tokens
 - Submitted enrollments to health insurers in the format and methods they require, including United Healthcare, Aetna, Blue Cross Blue Shield, Kaiser & Cigna
 - Processed 50 enrollments, insured 150 people, and tokenized \$10k in payments per day, since launch
- Setup Idaho, California, and Kentucky state marketplaces to accept payments through a high volume payment processing web application used on Healthcare.gov:
 - Integrated Single Sign-On using SAML XML, tokenization, and signature verification
 - Called SOAP XML-based client web services for preprocessing and post-processing
 - Processed 1 million payments per year, which is 21% of the Federal & State Marketplace volume for Aetna, Kaiser, Blue Shield of California, Coventry, Cigna, and dozens more
- Rebuilt Beazley's enrollment platform to allow insured groups to bulk enroll their employees, saving dozens of hours every time a group was insured:
 - Designed and developed interactive & responsive jQuery user interface
 - Submitted enrollments to a backend Java/WMB web service using AJAX
- Built PHP 5 quoting app that calculates new premiums for changes against existing policies:
 - Ran 500,000 quotes against 40,000 policies per year, saving rate analyst 25,000 hours per year of manual rating engine validation
 - Scaled to any number rating platforms varying between mainframe, XML-based web services, and spreadsheet-based calculators

- Onboard Aetna, Florida Blue, Blue Shield of California, Cigna, and Coventry
- Maintained and enhanced billing, quoting, and enrollment PHP 5 web applications critical to the consumer, member, small group, and broker blocks of business for Cigna, Ameritas, Coventry, Beazley, AVMA, Metlife, and United Concordia

Freelance Web Developer, Self-employed, Tampa, FL

Dec 2009 – Apr 2010

- Saved a bond trading site approximately \$10k per year in wages by automating manual tasks like calculation, tracking, statement generation, and various report generation tasks with PHP, MySQL, and JavaScript/AJAX
- Established a real estate site for a client that interfaced with MLS/IDX listings, alleviating countless hours of coming up with and maintaining own listings

Web Developer at CDPulse, Clearwater, FL

2006 – Dec 2009

- Maintained music sales site which sold CDs & mp3s for hundreds of independent artists online, streamed music through an integrated mp3 player, and streamed bands live from venues
- Used PHP 5, MySQL, JavaScript, Smarty template engine, and Subversion for version control
- Designed front-end which included graphic design, standards-compliant XHTML and CSS, Photoshop mockups, slicing, and CSS-driven tableless designs

Technical Skills

Languages: PHP, SQL, HTML, CSS, JavaScript, and XML (10 years), Ruby (1 year)

Databases: MySQL (10 years), DB2 (6 years), SQLite (1 year), MongoDB

Frameworks: Proprietary MVC PHP framework (6 years), Ruby on Rails (1 year), Laravel, Express.js

Libraries jQuery (3 years), Prototype (1 year), PDFlib

VCS: Dimensions (6 years), Git (3 years), Subversion (3 years), RTC/CCM

Concepts: AJAX, MVC, object-oriented design, relational database design, web service security, SOAP/SAML web services, RESTful JSON web APIs, SAML, cryptography, OWASP, design patterns

Tools: SASS, Github, composer, phpunit, vagrant, Jekyll, NPM, PhpStorm, Netbeans, Eclipse, Notepad++, Sublime, vim, SoapUI, Postman, Ping Federate

Software: Apache/Zend Server, Linux (CentOS, Arch, Debian/Ubuntu), Node.js, Photoshop

Education

Bachelor of Science in Computer Science

Dec 2009

University of South Florida – *Tampa, FL*