# 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 (1 year)

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

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

**VCS:**    Dimensions (6 years), Git (3 years), Subversion (3 years),

**Concepts:**    AJAX, MVC, object-oriented design, relational database design, web service security, SOAP/SAML web services, RESTful web APIs, SAML, cryptopgraphy, OWASP, design patterns, SOLID principles

**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*