

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.

- PHP, MySQL, HTML, CSS, JavaScript (9 years)
- MVC frameworks, debugging, and working with teams consisting of multiple developers, business analysts, QA testers, project managers, and various stakeholders (6 years)
- jQuery, Git (3 years)

Professional Experience

Web Developer at Healthplan Services, Tampa, FL

Apr 2010 – Present

- Design and develop XML/JSON web APIs & batch jobs with PHP 5 that tokenize and submit payments and enrollments from the “Saleslink” private exchange platform.
 - Process 50 enrollments, insure 150 people, and tokenize \$10k in payments per day, since launch
 - Interface with SOAP ASP.NET WCF web services secured with binary tokens, certificates, and encryption as well as JSON APIs with security tokens
 - Submit enrollments to health insurer in the format and methods they require, including United Healthcare, Aetna, Blue Cross Blue Shield, Kaiser & Cigna
- Setup Idaho, California, and Kentucky state marketplaces to accept payments through a high volume payment processing web application used on Healthcare.gov:
 - Single Sign-On integration using SAML, tokenization, and signature verification
 - Call SOAP XML-based client web services for preprocessing and post-processing
 - Process 1 million payments per year, which is 21% of the combined Federal & State Marketplace volume for Aetna, Kaiser, Blue Shield of California, Coventry, Cigna, and dozens more
- Rebuild Beazley's enrollment platform to allow insured groups to bulk enroll their employees, saving dozens of hours every time a group was insured:
 - Implement interactive & responsive jQuery user interface
 - Submit enrollments to a backend Java/WMB web service using AJAX
- Build PHP 5 quoting application that calculates new premiums for changes against existing policies:
 - 500,000 quotes run against 40,000 policies per year, saving rate analyst 25,000 hours per year of manual rating engine validation
 - Scales to any number rating platforms varying between mainframe, XML-based web

- services, and spreadsheet-based calculators
 - Used by Aetna, Florida Blue, Blue Shield of California, Cigna, and Coventry
- Maintain and enhance 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

- Save 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 AJAX
- Establish 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

- Maintain 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
- Use PHP 5, MySQL and JavaScript, using smarty template engine, and Subversion for version control
- Design 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, XML (all 9 years), jQuery (3 years)

Databases: MySQL (9 years), DB2 (6 years), SQLite (1 year)

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

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

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

Tools: IDEs, vagrant, Apache/Zend Server, Linux (CentOS, Arch, Debian/Ubuntu)

Education

Bachelor of Science in Computer Science
University of South Florida – Tampa, FL

Dec 2009