

Bill Martin

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Summary

Full stack senior software engineer with 10 years of experience designing, building, and deploying high volume, load-balanced LAMP/JavaScript web applications and APIs in a fast-paced environment. Passionate about clean code, DevOps processes, scalability, learning new technologies, and making an impact.

Professional Experience

HealthPlan Services, Tampa, FL

April 2010 – Current

Lead Developer | 2018 – Current

- Directly lead, mentor, and handle project sprint planning for a team of 8 web developers
- Oversee 18 PHP7 web applications and 25 cronjobs and services spanning PCI-compliant payment processing, billing, commissions, quoting, enrollment, policy management, and customer service management business domains as subject matter expert
- Handle production deployments, and coordinate with project managers, business analysts, QA, product owners, and stakeholders from project inception to completion

Senior Web Developer | 2016 – 2018

- Standardized code review process, enforce code standards, and develop documentation and a knowledgebase to guide 13 developers across 2 teams.
- Mentored 10 junior developers to develop a new framework and group insurance platform consisting of agent, employer, member, and policy management PHP7 web applications
- Led a team of 4 web developers to convert dozens of web applications, cronjobs, and web services from PHP4/PHP5 to PHP7, which required coordination of servers, load balancing, and developing a scalable, in-house tool to update the entire codebase.

Web Developer | 2010 - 2016

- Designed and developed PHP5 XML/JSON web APIs & batch jobs that tokenized payments for enrollments from the HPS health insurance marketplace that brought in \$3 million/year insuring members under United Healthcare, Aetna, Cigna, and more
- Setup Idaho, California, and Kentucky state marketplaces to accept payments through a payment processing web application used on Healthcare.gov which processes 1 million payments per year, making up 21% of the Federal and State Marketplace volume
- Built PHP 5 quoting web application that calculated new premiums for changes against existing policies, about 500,000 quotes per year for Aetna, Cigna, Coventry, and others

- 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

December 2009 – April 2010

- Saved a bond trading site approximately \$10k per year in wages by automating manual tasks like calculation, tracking, statements, and report generation
- 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 (defunct)

August 2006 – December 2009

- Maintained music site which sold CDs & mp3s for hundreds of independent artists online, streamed music through integrated mp3 player, and streamed bands live
- Designed front-end with Photoshop mockups, slicing, and HTML/CSS, and backend with PHP, MySQL, Smarty templating engine and integrated payments through Authorize.net

Technical Skills

- Languages: (*proficient*): PHP, HTML, CSS, JavaScript. (*familiar*): C#, Java, Ruby
- Databases: (*proficient*): MySQL, DB2, SQLite. (*familiar*): MSSQL, MongoDB
- Frameworks/Libraries: (*proficient*): Proprietary, Laravel, jQuery, PDFLib. (*familiar*): Ruby on Rails, Express.js, Angular, React
- Version Control: Git/Github, IBM RTC/CCM, Dimensions
- Services: REST APIs, JSON, SOAP, SAML, AJAX
- Security: OWASP, encryption, payment tokenization, Ping Federate
- Concepts: Object-oriented design, SOLID principles, design patterns
- Tools: PhpStorm, vim, SoapUI, Postman, SASS/LESS, composer, phunit, vagrant, NPM
- Servers: Apache/Zend Server, Node.js, Linux (CentOS, Arch, Debian/Ubuntu)

Education

Bachelor of Science in Computer Science

December 2009

University of South Florida – *Tampa, FL*