Tommy Bolger

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Experienced Senior Fullstack Engineer with emphasis on backend development. Ability to bring products from concept to full completion. Has been involved in all aspects of the product cycle: design, development, quality assurance, and maintenance. Over 13 years of development experience in both front and back end web technologies and databases. Possesses solid system administration abilities in both Windows and Linux environments.

Education

Bachelor's of Science in Computer Information Systems
Devry University, Pomona, CA
July 2003 – June 2006
Cumulative GPA: 3.81

Technical Skills

Specialties	Backend Development, Frontend Development, Server Administration, 3rd Party Integrations, Data Imports, Data Aggregation, Scrum, Agile, Mentoring
Platforms:	Windows 2000/XP/2003/Vista/7/8/10, Ubuntu, CentOS, Linux
Languages:	PHP 5/7, SQL, HTML/XHTML/HTML5, CSS, Javascript, Lua, XML, XSLT
Frameworks:	Laravel, Yii 1.1, jQuery, jQuery DataTables, Bootstrap 3, Bootstrap 4, CodeIgniter, SimpleSAML, Libsodium, Highcharts, BunnyJS
Web Technologies:	AJAX, JSON, SOAP, SAML, APCu, React PHP, OAuth 1, OAuth 2, Cloudflare
Server Technologies:	Redis, Nginx, Varnish, Apache, Stunnel, RabbitMQ, Memcached
Databases:	MySQL, PostgreSQL, Microsoft SQL Server, Oracle 10g, SQLite 3
Tools:	Git, Subversion (SVN), VirtualBox, Bugzilla, Mantis Bug Tracker, Composer, Mercurial, Jira, Slack, Asana
APIs:	Authorize.net, Steam, Google Analytics, SendGrid, Magento, Google Docs, Amazon Product, Loggly, Five9, Keen.io, 3CLogic, Wordpress, Core Logic, Outbrain, Twitch v5, Amazon S3, Transunion, Discord, Mixer, Twitter

Professional Experience

Senior Web Engineer

The Cheat Sheet 01/2015 – 06/2018

- Lead the development of the organization's data analytics platform using PHP built on the Yii Framework, MySQL, CSS, HTML5, and Javascript.
- Refactor the company's data analytics platform as a SaaS using Laravel 5.5, PHP 7.1, and MySQL as the API backend and Bootstrap, jQuery, and Highcharts as the frontend.
- Convert, streamline, and heavily optimize legacy systems for integration into internal data analytics platform.
- Create libraries for, and import data from, a large variety of sources such as Google Analytics, Keen.io, Google Sheets, Outbrain, OpenX, IndexExchange, Loggly, and Wordpress.
- Combine complex aggregate data from multiple sources and, using proprietary calculations, create advanced data structures used by the organization for vital daily operations.
- Collaborate with employees from various departments to design and build the organization's internal web applications.
- Create complex reporting dashboards, complete with charts and graphs, to allow users to easily visualize said advanced data structures using jQuery, Highcharts, and jQuery DataTables.
- Perform system administration to configure web and database environments.
- Act as a lead liaison with external entities that provide technology services utilized by the organization.
- Mentor fellow developers about vital internal systems with documentation and cross training sessions.

Senior Web Developer

iQual Corporation 07/2010 – 01/2015

- Migrate the company's internal web applications from Cold Fusion to HTML, PHP, MySQL, and the JQuery Javascript framework.
- Build and maintain a call center application driven by PHP, MySQL, HTML, CSS, and the jQuery Javascript Framework with extensive use of AJAX.
- Integrate said call center application with Five9.
- Utilize technologies, such as the SimpleSAML PHP framework and the PHP SOAP service, to interface with outside organizations.
- Update several legacy PHP scripts to use modern programming methodologies.
- Create and maintain several data reports distributed to chief company officers and business partners.
- Contribute fixes, changes, and new functionality to product software repositories via SVN.
- Collaborate with other employees to design and build the company's internal web applications.
- Setup and maintain the company's SVN repositories.

Web Developer

Ibex Data Inc. 01/2010 – 05/2011

- Build, test, deploy, and maintain various software projects for clients utilizing PHP, MySQL, HTML, CSS, AJAX, and the jQuery Javascript framework.
- Contribute fixes, changes, and new functionality to client software repositories via SVN.

Professional Experience (Continued)

◆ Collaborate with other developers, both remote and in-office, to fix bugs, create new functionality, and communicate ideas.
◆ Manage work using tickets through Mantis Bug Tracker.

Web Programmer
University of California Riverside Extension   06/2009 – 09/2009

◆ Design and develop various in-house applications for use with the Department of Information Technology utilizing PHP, Oracle 10g, the jQuery Javascript framework, AJAX, CSS, and HTML.
◆ Collaborate with users and department supervisors to gather requirements to create new functionality for existing in-house applications.
◆ Contribute fixes, changes, and new functionality to the application repository via SVN.

Jr. Programmer
Houghton Mifflin Harcourt   09/2006 – 12/2008

◆ Build, test, deploy, and maintain a web-based K-12 student information system utilizing PHP, an in-house framework built on PHP, PostgreSQL, HTML, CSS, AJAX, and the jQuery Javascript framework.
◆ Collaborate with programmers, both with in development team and external, to fix bugs, create new functionality, and communicate ideas.
◆ Develop data import scripts utilizing PHP to bring data of varying formats into the student information system.
◆ Directly import data from a student data warehouse product – developed in-house utilizing PHP, the same in-house framework, and MySQL – into said student information system.
◆ Contribute fixes, changes, and new functionality to the software repository via SVN.
◆ Test both the student information system and the student data warehouse product utilizing automated scripts in QA Wizard 4 and QA Wizard Pro.
◆ Manage bugs via Bugzilla.