CYMEN VIG

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github.com/cymen

Software Engineer

PROFESSIONAL EXPERIENCE

Teespring, San Francisco, CA   3/2014—present
Senior Engineer
- Focused on refactoring and adding new features to web-based Teeshirt design editor (teespring.com/designs). Using JavaScript, browserify, node modules, Ruby gems (including contributing to browserify-rails gem to integrate browserify with Rails asset pipeline), and testing (CasperJS, Jasmine).

8th Light, Chicago, IL   2/2012—2/2014
Software Craftsman
- Practiced TDD, pair programming and agile iterations as a consultant.
- Implemented new features on and enhanced JavaScript web application (600k+ lines) including platform changes such as adding modularization and reducing time to build (Java, MongoDB, MySQL).
- Enhanced auto loan application system including adding additional features to jQuery UI slider to support ranges for loan amounts (JavaScript, Ruby on Rails, MySQL, REST).
- Developed an invoicing system that pulled data from a separate iteration/planning system to create invoices in PDF format (front end completely Backbone.js, backend REST endpoints in Ruby on Rails, PDF).
- Spiked a PDF creation service in Clojure using iText with working example (Java interoperation).
- Wrote an HTTP server in Clojure to learn the language including support for basic verbs (GET, HEAD, POST and PUT) using test-driven development and an acceptance test suite (cob_spec).
- Mentored apprentices including one for 8 months (became an employee) and another for 3 months (also became an employee.

Webitects, Chicago, IL   2/2010—1/2012
Programmer
- Lead development of a next generation content management system to base new projects on using C#, ASP.net MVC, and JavaScript.
- Developed web application to create email campaigns targeting specific customers based on purchase history and other account attributes pulling items from product database (JavaScript, C#, ASP.net MVC).
- Web application to create email campaigns with targeted emails based on purchase history (JavaScript, C# and ASP.net MVC)
- Determined root cause of poor database performance of sites built using legacy content management system (lack of indexes, creation of complex keys programmatically).

CDW Hosting and Managed Services (formerly Berbee)**, Madison, WI**   2004—2/2010
Software Engineer, 2008—2010
- One of two employees responsible for entire monitoring infrastructure used to provide managed services for servers, networks and applications.
- Automated process of adding and removing new reports so that when new monitoring was added, new reports were automatically created (Perl).
- Developed custom monitoring agents (Perl).

- Development of customer operations website that provided access to monitoring data and reports (PHP)
- Resolved performance issues on 300+ GB database cluster used to store last 90 days of monitoring data

Network Operations Analyst, 2004—2007
- Initial support contact for customers and automated monitoring performed on both collocated and remote managed servers, network, voice, database and applications while attending college

EDUCATION

BS, Computer Sciences   2007
University of Wisconsin, Madison

PROFESSIONAL DEVELOPMENT

Languages: C#, Clojure, Java, JavaScript, Lua, PHP, Perl, SQL, HTML and CSS
Databases: MySQL, PostgreSQL, Microsoft SQL Server