CYMEN VIG

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github.com/cymen

Software Engineer

PROFESSIONAL EXPERIENCE

8th Light, Chicago, IL   2/2012—present
Software Craftsman
- 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).
- 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).
- 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 (Backbone.js, Ruby on Rails, PDF).
- Spiked a PDF creation service in Clojure using iText with working example (Java interoperation).
- Mentored an apprentice for 8 months through the 8th Light Apprentice program (after completing the program, he joined the company as a crasftman).

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: Microsoft SQL Server, MySQL, PostgreSQL

Operating Systems: Linux, Microsoft Windows Server, OS X