

Rob Carlson

rob@vees.net (540) 999-8337 <https://vees.net/>

Software developer with eleven years of experience in business information systems design and system administration for engineering, legal, commercial administration, and software development industries.

A Strong Addition to Your Team

Well-rounded Software Developer with core skills in C# 2008, ASP.NET, and Windows Forms under the .NET 3.5 framework, and experience in Python, Ruby, PHP 5, and Perl 5 languages.

Experienced Systems Administrator skilled in building and administering Ubuntu and Red Hat Linux and maintaining Microsoft Windows Server 2003 platforms.

Testing experience in large application development including designing comprehensive web test suites in Ruby and working with the test framework system of Visual Studio 2010.

Plays well with others with a track record of working easily with fellow programmers, business analysts, project managers and customers.

Strong technical writing skills used to create thorough and useful bug reports, succinct status reports, strong and comprehensive documentation, and well-commented code.

Source code management experience including building and administering source repositories in Git, Subversion, and Mercurial and use of Microsoft Team Foundation Server and Source Gear Vault.

Database design and administration skills include initial database design, stored procedure programming, database change management and incremental deployment techniques in Microsoft SQL Server 2008, and experience in MySQL and PostgreSQL.

Solid understanding of project management including coordinating resources on web projects from conception to completion, and participating as a programmer and tester in full life-cycle development using both Extreme Programming (Scrum) and traditional SDLC methods.

Security and availability experience from documenting scenarios and reactions to potential disasters affecting the company or Internet services. Have researched, selected, and migrated servers and network devices to high availability off-site data centers.

Network infrastructure skills include familiarity with the quirks of TCP/IP, network security, LAN layouts, DNS, electronic mail systems, and Cisco PIX setup and configuration.

System infrastructure and applications experience includes installation, maintenance and configuration of major Linux and open source packages required by engineering, Internet services, publishing, and software development firms. Has maintained moderately complex RAID and LVM systems.

Always researching, studying, and experimenting with the state-of-the-art practices and information on programming techniques, recent security issues, vulnerabilities and business threats.

Able and eager to train others in many areas of expertise. Always willing to learn new skills and adapt to new ideas. Able to quickly diagnose and explain a problem to inexperienced users.

Education and Training

- Red Hat Certified Engineer for Red Hat Enterprise Linux 4
- MS2793 Implementing and Maintaining Microsoft SQL Server 2005 Reporting Services
- MS5061 Implementing Microsoft Office SharePoint Server 2007

Rob Carlson's Professional Experience

Mind Over Machines, Inc.

November 2008 to Present

Owings Mills, MD

Software Developer

Technical Lead and Analyst on application to collect, store, parse, and compare corporate filing information from 51 U.S. jurisdictions and notify company owners on any change in their status. Included a custom .NET web service able to parse search results from state web sites and a Windows Service to coordinate web scraping rotations, import large data set files, perform constant data comparisons, and generate e-mail notifications.

Technical Lead and Analyst on framework to integrate the billing, invoicing, and customer records from many custom business applications with a central QuickBooks Enterprise system using QuickBooks Web Connector software and Intuit QBWC web service specification as the front-end.

Technical Lead on the rapid (three week) development of the Center Maryland news web site and newsletter. Created a tool to allow an editor to select hundreds of news stories from a collection of RSS feeds, edit summaries, publish results to the web and email list every weekday morning.

Technical Lead on a prototype for Baltimore City Public Schools to present several thousand approved educational materials in a format that allowed school principals to search, filter by category and attributes, and comment on selections.

Technical Lead on a production reporting and shipping system for felt flooring products. Maintained and enhanced an ASP.NET web application deployed on the factory floor to track production, quality assurance data, inventory, and shipping information of large felt rolls.

Developer on systems which provided customers with daily email alerts and reports when their clients or represented firms appeared on the OFAC Specially Designated Persons list.

Developer on a three-tier .NET 4.0 Windows Forms application which acts as the authoritative source of customer, account, service contact, invoice, payment and adjustment data for management services.

System Source, Inc.

January 2008 to November 2008

Hunt Valley, MD

Software Developer

Technical Lead and Analyst to convert a factory floor VB application to a ASP.NET 2.0 and C# based web application. Consulting programmer on several Perl and CGI-based web applications.

Vision Multimedia Technologies, LLC

October 2005 to January 2008

Baltimore, MD

Software Developer

Served in various roles on dozens of client projects, both on-site work with customer teams and large-scale development processes with an in-house programming team. Served as build manager, application tester, and developer. Performed system administration and infrastructure design for clients in Linux and Windows architectures.

KCI Technologies, Inc.

August 2000 to October 2005

Hunt Valley, MD

Web Programmer/Analyst.

Designed, analyzed, documented and implemented comprehensive corporate web information systems for data and information exchange between offices and departments.

Extended job history and references are available by request to rob@vees.net.