

Anthony P. Lukasavage

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OBJECTIVE

To utilize my programming and design expertise in an environment that enables innovation, growth, and the opportunity to work on business critical projects.

EDUCATION

Bucknell University, Lewisburg, Pennsylvania
Bachelor of Science, Computer Science and Engineering, 2002
Recipient of the Engineering Dean's Award for Distinguished Service and Scholarship

TECHNICAL EXPERTISE

Languages: C/C++, PHP, Perl, T-SQL, ActionScript, Shell Scripting, JavaScript, HTML/XML
IDE's: C++ Builder, MS Visual Studio, Flex Builder, Eclipse
Operating Systems: Linux (Redhat/Fedora, Ubuntu), Unix, Windows
Databases: SQL Server, MySQL, Btrieve, ODBC programming
Applications: Apache, Microsoft IIS, MSSQL Enterprise Manager, MySQL GUI Tools, Adobe Flash/Flex, Ethereal & tcpdump, CVS/SVN, SSH, FTP, MS Office Suite, Sun VirtualBox

Particular proficiency in object-oriented design and integration of 3rd party technologies.

WORK EXPERIENCE

Software Engineer
Consolidated Glass Corporation, New Castle, PA

2008-Present

Responsible for the development and support of all Consolidated Glass technology. This includes, but is not limited to, development of internal applications, IT support, network design and implementation, remote network access, secure client web portal deployment, and integrating client specifications and factory machinery into our order process.

In addition to the responsibilities listed above, my primary project is a total revamp of the order entry and glass cutting process. The primary tasks involve updating the legacy Btrieve data storage to a more modern relational database, creating graphical CAD-like glass drawing functionality, developing a more user-friendly and intuitive interface, and making the final application web-based and available to our entire customer base.

Software Engineer II
VigilantMinds, Pittsburgh, PA (Managed Network Security Provider)

2003-2008

Responsible for the design, implementation, and 24/7/365 management of VigilantMinds' 200+ globally deployed network security devices. Conception to deployment includes product research and testing, communication with 3rd party open source developers and commercial vendors, integration design, data retrieval via various API's, secure transmission of the data to VigilantMinds from remote client networks, and reliable and efficient hand-off of data to the database team. Devices are remotely monitored and administered via a custom web application. Upon assuming control of these responsibilities, I redesigned the device software and converted it from Perl and Unix shell scripts to primarily C/C++, thereby drastically decreasing device issues while increasing efficiency, functionality, and scalability.

Other responsibilities include, but are not limited to, the creation and development of the custom PHP web application for administering VigilantMinds' security devices, real time event stream processing with the goal of reducing false-positives via the Coral8 Engine, periodic client report generation via Microsoft Office, assisting in remote security device installations, and educating network analysts on newly integrated technologies.

Senior Network Security Analyst
VigilantMinds

2002-2003

Responsible for the real-time monitoring, analysis, and response to our clients' network security events. In this 24/7/365 shift schedule position, it was required that my knowledge of network security be on the cutting edge. My primary functions included being able to analyze and administer numerous security devices, identify new vulnerabilities and threats, and concisely convey their relevance and necessary remediation action to VigilantMinds' clients. As a senior analyst, I was on-call 24/7 to assist lower level analysts when necessary.

INTERESTS

My most relevant interest is Rich Internet Application (RIA) development with Adobe Flash and Flex. These projects range from practical data presentation and interactivity to experimental 3D applications. A bare bones example of Flash using the Away3D engine can be found at my personal website, <http://www.savagelook.com>.