Sven J. Davison

Senior Web Developer

Active TS/SCI SBI/Polygraph

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| Summary | | |
| I am a creative, organized candidate who excels in improving cost efficiency. I’ve conducted extensive middleware development work to get COTS and custom software to share data to create cost-effective solutions thru automation and ease of use.  Key strengths include: | | |
| * Personnel Training * Root Cause Analysis | * System Maintenance * Quality Control | * Software Support * Adaptability |

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| Technical Skills | | |
| C# (CSharp) 7 Years | Vb.net 4 years | VBS 5 years |
| Java 6 years | JavaScript 4 years | PHP 3 years |
| HTML 6 years | YML / XML 5 years | SQL (MSSQL & MySQL) 5 years |
| Visual Studio 7 years | Net Beans 4 years | Eclipse 2 year |
| Dreamweaver 2 years | Flash 2 years | C++ 2 years |
| BASH 2 year | C 2 years | .NET Framework 8 years |

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| Career History | | |
| Eclipse Engineering, LLC | Senior Web Developer | 2015 - Present |
| I’m one of the only people on the team that is project oriented vice ticket oriented. I am brought up to speed on where a project is and then I pick it up from there or start over. We have daily stand up meetings to keep management aware of challenges and what I’m working on this week but other than that, I’m left to my work. Operating systems include Linux and Windows systems.   * Integrated several data feeds into a central repository to facilitate data normalization. Once the data is ingested I built dashboards to present the data in a meaningful presentation. Splunk was used for most of this and I was responsible for building it from the ground up. Installing indexers, forwarders and getting the data in/out of Splunk. This also included implementing the PHPAPI and JavaAPI for Splunk and sending data to SharePoint. * I diagnosed how to remove the dependency of a piece of software for a mission application. The dependency had to be removed for security reasons and couldn’t allow downtime or data loss of the application. I migrated the data from a previously vendor supported Oracle database to a MySQL database without the loss of data. I had to change how the tool fetched and pulled data into the site also as the API was a vendor API and was no longer supported. AA deep dive was done to figure out how to get the data in/out without the use of the customer API. Then I delegated tasks to minimize the transition time. * Daily duties are split between admin duties and developer tasks. Several of the developer tasks have been to make the admin duties easier/faster to complete. I was the system administrator for a group of servers which had high visibility. Admin duties were typical O&M duties with an added need of all changes needing to be made into an RPM. The RPMs standardized all fixes/patches to a consistently repeatable process. I was in charge of making these RPMs for system admins and other O&M type tasks. | | |
| Skanes Technologies | Middleware Engineer | 2014 - 2015 |
| Conducted deep dives of implemented products without any existing documentation; also resolved several conflicts involving best practices and security related to middleware products and Linux environments   * Updated documentation for various products including tomcat applications, wikis, Sharepoint, mssql and mysql to reflect actual implementation. * Worked as a technical bridge between other engineers and vendor support. * Identified flaws in processes which were causing weeks of delays; made appropriate modifications, effectively eliminating delays and reducing approval time to a mere fraction of the previous duration. * Part of a team that implemented a domain infrastructure from the ground up to meet a special need for our customer. | | |
| Computer Science Corporation (CSC) | Software Engineer | 2012-2013 |
| Improved efficiency of Ruby scripts used to monitor network health and data flows spanning several networks. Created a java program to scan and sanitize classified output generated from COTS products. Wrote a plugin based tool in C# to monitor the status of other various services and scripts to ensure minimal interruption of service. Conceptualized and created a database containing interactive troubleshooting assistance for tier-1 personnel using Java, MySQL and JDBC.   * Implemented a sophisticated algorithm to find inventory according to customer order and minimized the wastage. * Ensured quick response time by using stored procedures to create data reports. * Devised a sophisticated security system to deter unauthorized use of the application. * Mission development was done following the SCRUM development framework. | | |
| Varen Technologies | Senior Java Developer | 2011-2012 |
| Functioned as the SME for COTs product which implemented JSP, ASPX (C#), JavaScript and MSSQL; conceptualized and implemented a REST service to extend COTS reporting and enrollment capabilities for the client using Java (JSP); implemented SSO capability to a COTS product via PKI and JSP to adhere to enterprise standards; found logic bugs in vendor code and submitted info to the vendor; created a tool that implemented COTS stored procedures and functions for the client with extensive logging not offered by the COTS product using C# and Java (JSP).   * Client certificates were parsed and used as the authentication system for all tools created. * The C# applications had a thread running in the background to revoke/grant access within seconds of the database being updated without reloading the tool. This prevented unwanted access from being retained. | | |
| Comso Inc & Eagle Alliance | Software Engineer | 2005 - 2011 |
| Served as technical team lead; designed and developed self-healing plug-in based system administration toolkit for the enterprise using LDAP, PKI, CSharp, MSSQL, and Java; modernized enterprise software installation standards to allow real time remote monitoring and reporting using CSharp and MSSQL; modernized several VBS scripts into a real time dynamic toolkit restricted by PKI authentication using CSharp and LDAP; successfully conceptualized and implemented a multi-threaded middleware interface to conduct system administration of remote systems using CSharp, LDAP and Java; conceptualized and prototyped an emergency broadcast system allowing thousands of messages to be transmitted to endpoints without flooding the network with traffic - done using C#, MSSQL, Java and LDAP.   * LDAP interaction was to obtain user/computer group information in addition to public PKI certificates. * CSharp tools were as a windows service, GUIs and console applications. * Java was implemented as console applications and JSPs. * Middleware development consisted of the consumption of Java Log4J logs, XML and JSON feeds. * Responsible for training co-workers in various application packaging practices in addition to teaching Java, CSharp, C, and VBS. * Functioned as team lead for application packaging and code review. * Mission development was done following the SCRUM development framework, in addition to AGILE. | | |
| MCIWorldcom | LAN Administrator | 1998-2002 |
| Wrote a keyboard binding that minimized the required input to disable toll-free numbers decrease average handle time; part of a five-person team that was responsible for over 600 computers that required average resolution time of less than five minutes; responsible for implementing customer customization requests and resolving trouble ticket s; researched delays in the network to ensure that the sales floor was receiving credit for their services sold. | | |