

Software Developer Software Developer Software Developer - Johnson Controls Lancaster, PA I am a Software Developer with 20-plus years of experience. I am currently developing with C# and .net technologies. I enjoy object-oriented design and development, problem solving, and technical work that is challenging. I support business goals and business growth by developing new capabilities. I build new solutions to replace legacy systems. I have experience working in lean and agile methodologies.

**Work Experience Software Developer Johnson Controls - New Freedom, PA June 2014 to Present**

- ? Develop custom libraries (DLLs) with C# to provide drawing services and AutoCAD automation.
- ? Maintain 16 custom libraries that create drawing variations from 477 base CAD drawings.
- ? Apply object-oriented design, composition, and development to build-out of code libraries.
- ? Develop code needed to create and consume XLM data, including implementations with X Path.
- ? Transform and shape data, as needed for use with drawing services.
- ? Troubleshoot and fix issues with code, drawing artifacts, data, and SQL queries.
- ? C# development of "YHAU" project, with emphasis on use of LINQ to achieve project goals.
- ? C# development to migrate products from Actrix (legacy) application, to new drawing services.
- ? Work directly with product owners to ensure services meet business needs.
- ? Support teammates with code development and bug fixes.
- ? Document project related business knowledge, sources, and notes.

Designed and developed "DLP" data gathering and efficiency tool.

- ? Developed a self-hosted WCF service application that receives and manages data posted from a running instance of AutoCAD. ("WCF" is Windows Communication Foundation)
- ? Developed a custom AutoCAD command, that serves as a WCF client and posts collected data.

Provide Java coding support and end-user support for "MStage" web application.

Completed new web server build-out, including installation of Java, Tomcat, MySQL, and web apps.

- ? Perform as Tomcat administrator.

Provide Visual Basic development and support for Actrix (legacy) drawing application. (Project retired.)

- ? Designed and built "SocketBuilder" tool, which reduces prep time of Actrix artifacts by 60%.

**Software Developer (Contracted to Johnson Controls) TEKsystems - York, PA June 2013 to June 2014**

Developed "MStage" web application using NetBeans, Java EE, Hibernate, and MySQL Databases.

Developed web front-end using PrimeFaces JSF components (Java Server Faces) and JSF

Expression Language (XHTML). Developed Java backing beans and backend components to drive business rules. Developed database components using Hibernate (Object Relational Mapping), SQL, and HQL. Developed web app using 2 distinct instances of the Model-View-Controller (MVC) pattern. Using C# and Excel automation, developed compatibility tool that transforms XML to Excel data. (This tool bridges the gap between the web app and legacy Excel spreadsheets and formulas.) Applied object-oriented programming, design, and code refactoring. Technical Leader Nielsen - Lancaster, PA January 2007 to March 2013 Applied lean and agile processes to project development. Participated in ITIL meetings and processes for software releases. ("ITIL" is Information Technology Infrastructure Library) Managed project risks, production downtime, and technology upgrades. Assumed Scrum Master, Development, Testing, and Deployment roles as needed. Contributed to "InifiNet" project, by developing with Enterprise Java, Servlets, HTML, and JavaScript. Team Manager Nielsen - Lancaster, PA January 2005 to January 2007 Managed 10 associate and staff level software developers. Advised team on lean and agile software methodologies. Developed and led "Report View" project, which saved Nielsen \$700K in third party licensing. Prepared reports on Sprint progress and code quality metrics. Assisted with project development Scrum Master, Testing, Deployment, and Java Development. Senior Software Developer Nielsen - Lancaster, PA June 2004 to January 2005 Developed front-end of "InifiNet" web app using Enterprise Java, Servlets, HTML, and JavaScript. Administered WebLogic and completed software deployments. Performed as Scrum Master by conducting scrums and sprint planning. Education MBA Lebanon Valley College - Lebanon, PA 2011 Bachelor of Science in (BS) Computer Science Millersville University - Millersville, PA 1995 Skills C# (3 years), .NET (3 years), Object Oriented Programming (7 years), AutoCAD Automation (3 years)

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