

Senior Software Developer Senior Software Developer Senior Software Developer - Codifyd
Chicago, IL Work Experience Senior Software Developer Codifyd January 2018 to Present Codifyd
specializes in all aspects of product data management, especially e-commerce. Responsibilities
include: Initial research and design for web-based product data normalization application.
Continued design, development, and maintenance of comprehensive product data application.
Current work includes improvement of data entry elements of SKU data, complete redesign of SKU
Groups Console, and implementation of program access to multiple SQL Server instances.
Design, development, and implementation of a file transfer API, written in ASP.NET Web API. The
API provides listings of files and folders, and transfers files between the company's server and the
client's system. Software Developer Codifyd January 2013 to December 2017 Responsibilities
include: Design, development, and maintenance of comprehensive product data taxonomy and
schema manipulation and data normalization application. Written in C#, WinForms, and ASP.NET,
with SQL Server back end. Improvements include a complete rewrite of the taxonomy tree, allowing
data analysts to tag tree nodes with meta-data and images, giving a more comprehensive view of
product classification. Design, development, and maintenance of client-facing web-based file
exchange application, written in ASP.NET and C#. The interface is a complete rewrite of the
application, changing from a link-based interface to a Windows Explorer tree-style interface, with an
improved file transfer mechanism, giving the user a more intuitive approach to file maintenance.
Design and development of import/export tools for proprietary XML documents containing product
data, with components in C# and Java. Back-end and test development of product data channel
management system, written in Java. Ongoing software architecture and design work, in
conjunction with Professional Services Manager, translating user requirements to software that
meets them. Independent Consultant American Association of Individual Investors February 2001 to
January 2013 AAIL is a not-for-profit organization that educates individual investors in investment
theory and strategy. Responsibilities include: Development of a SOAP web service and a
program launcher for AAIL's Stock Investor application to facilitate automatic online program and
data updates, written in C#. This system allows the user to update stock data on a weekly basis

without the need for physical media, giving timeliness and convenience. Upgrade of Stock Investor's data generation application to read complex XML data, written in Visual FoxPro. This upgrade was necessitated by the data vendor's transition from CSV files to XML, which also provided more data to the application. Development of a prototype of a new data generation program for Stock Investor, written in C#, VB.NET and LINQ. This prototype demonstrated to the company the ability to access Stock Investor's XML data using .NET technology, instead of Visual FoxPro. This provided both development in more current technology, as well as faster execution.

Programmer American Association of Individual Investors May 1994 to February 2001

Responsibilities include: Design, development and implementation of AAIL's Stock Investor application and its accompanying data generation application, written in Visual FoxPro and VB 6. Stock Investor is a fundamental stock analysis application, which includes the ability to select stocks based on user-directed criteria from more than 2,000 fields and 10,000 issues, using on-the-fly generation of SQL statements. Stock Investor is AAIL's flagship membership software offering. Implementation of support programs for Stock Investor, using Tcl/Tk, InstallShield, and Access. These support programs primarily assist AAIL staff in preparing distribution of the Stock Investor application and data.

Programmer TrippLite May 1993 to April 1994

Responsibilities include: Development and maintenance of remote sales tracking program, written in FoxPro. Development of other applications in FoxPro and Access, as needed.

Programmer Wisconsin Department of Agriculture, Trade, and Consumer Protection 1991 to 1993

Responsibilities include: Conversion of data to NOMAD (4th generation language) and IBM DB2 platform.

Programmer Executemps 1990 to 1991

Responsibilities include: Development and maintenance of Executrix, a comprehensive temporary employee agency management package. Written in FoxBase, then converted to Clipper (DBase III clones)

Education BS in Applied Computer Science in Applied Computer Science Illinois State University 2011

Skills Java, Javascript Additional Information Innovative, creative, and diligent software developer, with experience in several platforms. Experienced in database design and object-oriented analysis and design. Excels in written and verbal communications, with an emphasis on understanding and refining client requirements and translating those requirements into working

designs and implementations. Technical Summary C# (WinForms, LINQ, LINQ-To-SQL, Entity Framework) ASP.NET Web API ASP.NET Web Forms PHP 7 Java JavaScript, Bootstrap 4 HTML, CSS Visual Studio 2017 SQL Server 2012 Git/Bitbucket Jenkins (continuous integration) DevExpress UI Controls

Name: Frank Clayton

Email: ginacollins@example.com

Phone: +1-906-790-9902x67917