Submitted By	
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Candidate Review	
Candidate:	Stephen Ichniowski
Title:	Senior .Net Developer
Phone:	(443) 632-4934
Email:	steve.ichniowski@gmail.com
Location:	Miami Shores, FL
Availability:	Immediately
Education:	Master of Science in Engineering Science (Computer Science Concentration), Loyola College in Maryland, Baltimore.

Candidate Overview

1. Describe your two latest accomplishments at your last 2 employers.
I converted an existing windows service in .net framework to a .net core worker service to run on Linux and added in dependency injection and made it more asynchronous and refactored it to handle various message datatypes in a dynamic way using reflection. Helped create a new Blazor Server application to configure and manage store terminals at a major store super center.

2. How did you generate income / reduce costs in your past employers?
As an employee of SATO Global Solutions (a startup) I was a major contributor to a registration app that was sold to Magic Leap in 2018. In general, I believe I help reduce costs in various ways: (1) I make sure to get new people up to speed, (2) I am willing to document in a way that helps others later on, (3) I use my expertise in efficient programming approaches and mindful of cost options for cloud providers that are a good fit to the task performed.

3. What was the most challenging work-related thing you have done up to date and what did you do to prepare and complete the task?
Working at Sylvan Learning Center in 2011 I was given the task to move the company from a slow application on IBM tablets partly due to slow 2-way data syncs to the new iPad. I was responsible for the backend and database and wrote the REST backend using json for data transport using WCF REST. I was presented with very little code for the current system and inherited dozens of dlls, as the previous employees were contractors and they were ordered to leave due to a lawsuit. There were very few developers when I arrived. I obtained software to extract code from the dlls, and I integrated that code into the existing code I could actually see. I wrote pages of pseudocode to get a solid understanding of all aspects of the app, then as adding code from the dlls I did small tests to see how it worked. Finally, that code base became part of a new WCF REST backend. I created a new sql server database as well and I coordinated with one expert who worked on the iPad for the front-end. This backend is used by Sylvan at all learning centers.

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4. What was the most difficult work-related situation that happened to you within the last year and how did you solve it?

In one sprint my solution to a task had satisfied the acceptance criteria however during code review it was asked that I refactor to make it more re-usable. The scrum master's philosophy was that as long as we identified possible technical debt and would address that later, that in the interest of getting features out to market it was ok if all was not "perfect" as long as it was bug-free and met the A/C. I had disagreed with the code review comment on the level of importance to make the code more re-usable as it was not code that would be shared hardly at all. However, I made the call to refactor in the next sprint as I decided that team moral at that time was more important and that since the app was not actually running in Production as of yet, to spend time in the next sprint to refactor.

5. Where do you see yourself in a group?

I see myself as a strong contributor, I like to use current best practices and I like to have things be smooth on a team. I don't mind guiding other developers if I see there is the need to do that.

6. What can you "Offer" your next employer?

I feel that I offer very good instinct, years of development experience in several different industries and I feel my judgement is very good when choosing among different options to go with when developing applications.

7. Describe your career goals in the next 3-5 years.

I want to gain deeper understanding in cloud development, stay current in Microsoft technologies and also to become more capable in angular and/or react.

Candidate Self-Rating

Client Top Requirements	Experience in years	Self-Rating 1-5 (5 being most proficient)
.NET	13	4
C#	16	4
ASP.NET	14	4
MVC	4	3
Web API	9	4
RESTful APIs	11	4
Azure DevOps	4	3
Jira	11	4
Agile	11	4
SCRUM	11	4
Architectural patterns	20	4
Relational database structures	23	4
Offshore teams	5	4
Cross functional understanding	8	4
Working with Stakeholders	12	4
Angular.js	3	3
.Net Core	4	4
Java	3	3
Insurance or financial industry	9	3

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Professional Resume

STEPHEN J. ICHNIOWSKI

steve.ichniowski@gmail.com
443-632-4934 (Cell)

SOFTWARE DEVELOPER

Goal-oriented software developer with notable success in architecting n-tiered systems, object-orientation, efficient algorithms. Motivated to seek simple and elegant solutions to complex problems. Skilled at extracting requirements from stakeholders.

➢ Demonstrated capacity to learn new technologies quickly and independently.
➢ Enjoy implementing design patterns, and producing fast, scalable and maintainable code.
➢ Outstanding ability to communicate ideas, coordinating with others, extract requirements from stakeholders, and working with customers/users.
➢ Adept at developing intuitive user interfaces that require minimal effort to use.
➢ On-the-job and formal classroom experience in object-oriented design, databases, JSON, XML, and internet programming.

CORE COMPETENCIES

• Web API/REST	• Multi-tier Architectures	• Multithreading
• C#, Java	• Stream Sockets	• JSON and XML
• NET Core/Framework	• Database Management	• Algorithm Efficiency
• MVC	• SQL	• Windows Services

TECHNICAL PROFICIENCIES

Platforms: Windows 10, Windows Sever 2012/2016, Ubuntu

Languages: C#, Java, JavaScript, SQL, JSON

Tools/Frameworks: Azure, Azure DevOps, Docker, Web API, MVC, SignalR, Microsoft Visual Studio, Spring Boot, Maven, Gradle, Eclipse, NetBeans, Entity Framework, Razor View Engine, LINQ, MSMQ, SQL Server, MongoDB, PostgreSQL, GitHub, XML Parser, XML Schema

PROFESSIONAL EXPERIENCE

OPTOMI at MEIJER, Miami, FL (Remote)   March 2021 – Present
SOFTWARE DEVELOPER

Key Contributions:

♦ Assisting in creating a new Blazor Server application to configure store terminals at Meijer Super Centers. Development includes adding logic to an Azure Function Api and Json schema.
Technologies: Visual Studio 2019, NET Core 5.0, C# 9, Blazor, JavaScript, HTML 5, Azure Functions, SQL Server 2014, Azure DevOps, Azure Repos Git, Json Schema

BROOKSOURCE at SOUTHEASTERN GROCERS, Miami, FL (Remote)   Sept 2020 – March 2021
SOFTWARE DEVELOPER

Key Contributions:

♦ Converted an existing .NET Framework Windows Service to a .NET Core Worker Service. The new application uses dependency injection, the options configuration pattern and consumes an IBM MQ queue to process store loyalty applications and consumes an Api. It runs containers in Kubernetes and is deployed via Azure DevOps pipeline.
Technologies: Visual Studio 2019, NET Core 3.1, C# 8, Docker, Kubernetes, SQL Server 2014, Azure DevOps, Azure Repos Git, IBM MQ

INDEPENDENT PURCHASING CO-OP, Miami, FL   Aug 2018 – April 2020
SOFTWARE DEVELOPER

Key Contributions:

♦ Assist in the development of a registration application for Subway Restaurant franchisees. Architecture consisted of a .NET Core REST Api, Angular front-end hosted in Node.js, Azure Function with HTTP trigger.
Technologies: Visual Studio 2017, NET Core 2.1, C# 7.3, SQL Server 2016, Node.js 11, Auth0, Azure, Bamboo, Octopus, GitHub

♦ Created an Azure DevOps infrastructure release pipeline for a GraphQL Api (as a Azure Function) for use by distributors for Subway restaurants. Azure resources consisted of: App service, azure function, key vault, app insights, storage account and with VNET integration.
Technologies: Visual Studio Code, Azure, Azure DevOps, GitHub, Apollo GraphQL, Auth0, TypeScript 3.3.3

♦ Assist in the development of an Event Management application for Subway Restaurant supply chain events for internal and external use. The application was a replacement for a set of SmartSheets. Architecture consisted of a .NET Core REST Api, React.js front end, Azure blob storage, Sql Server database and hosted in Azure, built and released using Azure DevOps pipelines.
Technologies: Visual Studio 2019, Visual Studio Code, NET Core 3.1, C# 8.0, SQL Server 2018, TypeScript 3.7.3, React 16.9.0, Auth0, Azure, Azure DevOps

SATO GLOBAL SOLUTIONS, Ft Lauderdale, FL   June 2015 – July 2018
SOFTWARE DEVELOPER

Assist in the development of custom cloud-based software for the retail industry using RFID. Create REST Api services for mobile and web applications, and other service clients. Also assisted in the development of RFID middleware.
Technologies: Java 8, MongoDB 3.4.13, Spring Boot, Eclipse, Gradle.

Assist in the development of custom cloud-based software for visitor registration, inventory management and asset tracking. Create API services for mobile, web applications and other service clients.
Technologies: .NET 4.5.1, C#, Web API 2, Java, Spring, Amazon Web Services, MQTT, Entity Framework 6, LINQ to Entities, JSON, SQL Server 2014, PostgreSQL 9.53, Visual Studio 2013, Spring Tool Suite, Maven, NetBeans

INCOMM, North Miami, FL   Sept 2014 – June 2015
SOFTWARE DEVELOPER

Responsibilities include front-end web development of an MVC5 web application and an AngularJS web application to manage businesses in the area of payment processing. These applications are used for managing product and salesperson commissions, and onboarding retailers, and reporting.
Technologies: MVC 5, JavaScript, jQuery, Razor, AngularJS, Google Analytics, Bootstrap 3.2, HTML5, CSS3, .NET 4.5.1, Entity Framework, LINQ, SQL Server 2008, MS Visual Studio 2013

TEKPARTNERS at DENARII SYSTEMS, Miami, FL   July 2014 – Sept 2014
SOFTWARE DEVELOPER

Responsibilities included front-end web development of an MVC5/AngularJS web application for the prepaid card industry.
Technologies: AngularJS, Web API, JavaScript, Bootstrap 3.1, HTML5, CSS3, MVC 5, jQuery, .NET 4.5.1, Razor, Entity Framework 6, LINQ, SQL Server 2012, MS Visual Studio 2013, Responsive Web Design

GROUP Z at COMPUTER SCIENCES CORPORATION, Hanover, MD   July 2013 – July 2014
SOFTWARE DEVELOPER

Responsibilities included front-end web development of an MVC4 web application that manages highway lane closures around the state of Maryland, maintaining/updating an ASP.NET Web Form and classic ASP web applications that also manage highway lane closures.
Technologies: Bootstrap, JavaScript, HTML5, CSS3, MVC 4, jQuery, .NET 4.5, Razor, Entity Framework 5, LINQ, SQL Server 2008 R2, MS Visual Studio 2012, Responsive Web Design

SYLVAN LEARNING CENTER, Baltimore, MD   Dec 2010 – July 2013
SOFTWARE DEVELOPER

Key Contributions:
♦ **ASP.NET MVC C# Application**
Assisted in the development of an ASP.NET MVC C# application that allows students to take assessment tests and to schedule assessments.
Technologies: ASP.NET MVC 4.0, JavaScript, NET 4.0, Razor, SQL Server 2005, MS Visual Studio 2010

♦ **ASP.NET C# Application**

Created an ASP.NET C# application that allows students to take assessment tests. Also has administrative capabilities to view and edit data pertaining to student assessments and to launch assessment tests.

Technologies: ASP.NET 3.5,.NET 3.5/C#, Enterprise Library 3.1, MS Visual Studio 2008, SQL Server 2005

♦ **WCF REST XML Service**

Created a WCF REST XML service that uses SSL to be used to receive student assessment results.
Technologies: .NET 3.5/C#, Enterprise Library 3.1, MS Visual Studio 2008, SQL Server 2005

♦ **WCF REST JSON Service**

Created a WCF REST JSON service consumed by iPad applications.
Technologies: .NET 3.5/C#, Enterprise Library 3.1, MS Visual Studio 2008, SQL Server 2005

♦ **WCF and MS Sync Services**

Responsibilities included contribution to the development of a WCF service and MS Sync Services application to maintain current data between remote client databases and a corporate data center.
Technologies: .NET 4.0/C#, WiX 3.5, Enterprise Library 5.0, MS VS 2010, SQL Server 2005

EDUCATION AND CREDENTIALS

Bachelor of Science in Aerospace Engineering
VIRGINIA POLYTECHNIC AND STATE UNIVERSITY – Blacksburg, VA

Master of Science in Engineering Science (Computer Science Concentration)
LOYOLA COLLEGE IN MARYLAND – Baltimore, MD

Professional Training
Effective Communications & Human Relations – Dale Carnegie Training
Programming Windows and Smart Client Applications with .NET – Learning Tree International
Building XML Web Services with .NET – Learning Tree International
Enterprise Web Development with .NET– Learning Tree International
Java and XML Application Development – Learning Tree International
Applying Advanced XML Technologies – Learning Tree International
Java for Distributed System Development – Learning Tree International
Applying Object-Oriented Design Patterns – Learning Tree International
Windows Communication Foundation (WCF) – Learning Tree International
Advanced Microsoft Active Server Pages – WestLake Internet Training

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