***Steve Martin***

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**SUMMARY:**

* To obtain a full-time job in software development utilizing my experience in system design, database management, database design, and coding
* I have twelve years of experience developing .Net windows, web applications, and web services. For many of these projects I have functioned as the solo developer,   
  developing applications from scratch. Within many of my roles during these years I have designed, developed, tested, and implemented several .Net windows   
  and web applications written in C# and connecting to a SQL Server database. I also spent several years working on medium to large teams in enterprise environments utilizing the Agile approach to software development.

**SKILLS:**

**Software Development:** VB, C#, T-SQL, JavaScript, jQuery, JSON, XML , AJAX, ASP.NET, Web Forms, ASP.NET MVC, .Net Core 2.1, .Net 6, Visual Studio 2017, Visual Studio 2019,   
Visual Studio 2022, Server 2014, SQL Server 2017, DotNetNuke, .Net Unit Testing, Dependency Injection, Micro services, REST Web Services, CRM 2011, Telerik Controls,   
jQGrid, TFS, VSS, Git, Agile Software Development, Azure DevOps, SAFE Agile, OData, VMWare Virtualization, Blazor, SOAP web services, Oracle, Oracle Stored Packages,   
PL/SQL, ReadyAPI, Swagger, Postman, IIS, Knockout, Oracle SQL Developer, SonarQube, Bitbucket, SSRS, Entity Framework, LINQ, ReSharper, REST API, SOAP API

**PROFESSIONAL EXPERIENCE:**

**Sabre, Charlotte, NC March 2022-June 2024**

**Software Engineer**

**Project:** Radixx Booking System

I work on a team of about 5 developers that were customizing a legacy system that allowed low-cost airlines to sell tickets for their own flights.   
The system was a GDS (Global Distribution System) specifically for flights.

* All server-side code was written in C#.Net and VB.Net, .Net Framework 4.8
* Used ReadyAPI to debug and troubleshoot SOAP microservices request and responses in XML.
* Used Oracle SQL Developer to modify Oracle Stored Packages called by web services.
* Updated Oracle tables in SQL Developer.
* Wrote code to consume SOAP microservices and call other SOAP microservices.
* Utilized code creating custom command objects to call stored procedures to retrieve data from an Oracle database
* Wrote code to integrate with web services created by other teams.
* Refactored code to improve the performance of numerous SOAP microservices.
* For defects debugged code to perform root cause analysis and created an accompanying RCA document.
* Performed regression testing on refactored code.
* Updated a 200-page developer environment setup document.
* Updated documentation on how to setup and maintain a local IIS environment with 10 microservices deployed
* Changed Radixx development Wiki to improve ease of use.
* Maintained a local IIS environment that ran 10 microservices.
* Participated in on call support rotation.
* Deployed, ran, debugged 10 microservice projects from local IIS environment
* Updated webpages using Knockout
* Utilized SOAP APIs for web service

**Transcard, Charlotte, NC November 2021-February 2022**

**Software Engineer**

**Project:** Smart Hub

I worked on a team of about 5 developers that developed an external ERP plugin that will allow clients to pay their invoices directly from their ERP

* All server-side was written in C#.Net, Net 6
* Created and modified existing REST webservices
* Utilizing code first Entity Framework that were utilized by REST webservices for CRUD operations against the database.
* Worked to implement OAuth authentication for Quick Books.
* Created Blazor pages. Refactored code to have it conform to best practices.
* Created and implemented interfaces for service classes that consumed webservices.
* Created and implemented interfaces for repository classes that utilize Entity Framework to access the database.
* Utilized REST APIs for web services

**Bank of America, Charlotte, NC November 2020-November 2021**

**Assistant Vice President, Consultant System Engineer**

**Project:** R2

I worked on a team of about 5 developers that developed an internal MVC website that allowed bank employees to manage personal virtual machines.   
The website allowed users to request, turn/turn off, retire a VM. There are 120,000 VM managed by R2.

* All server-side was written in C#.Net, .Net 4.8.
* Modified automation jobs called via PowerShell.
* Replicated a database table website search capability for additional tables.
* Implemented new website Views that populated API methods.
* Created requirements documentation used by other developers to complete their user story.
* Performed regression testing after upgrades, roll backs, in preparation for releases.
* Attended daily Scrum meetings.
* Created new team member onboarding documentation.
* Functioned as the team testing liaison, coordinating with the QA team.
* Altered stored procedures, SQL Server tables to meet requirements.
* Studied requirements to make appropriate user story changes.
* Documented user story requirements, testing, changes design.
* Created new REST web service methods.
* Functioned as the contact person for production issues.
* Created production change requests.
* Altered R2 website OData reports.
* Managed team Wiki for troubleshooting the R2 website
* Troubleshot website errors thrown in VMWare virtualization layer.
* Utilized REST APIs for web services

**Truist Financial, Charlotte, NC May 2019-November 2020**

**D&TS Developer**

**Project:** Premium Payment Portal

I worked as a developer on an agile team of 10 people within Truist Financial Insurance Services. Specifically, I was a part of the Premium Finance team,   
which is a group within Truist Financial Insurance Services that loans money to customers to cover their premiums. The technology group I was a part of was working to replace current   
older Premium Finance websites by integrating systems and build additional functionality that is currently unavailable

* All server-side code was written in C#.Net, .Net 4.8.
* Attended daily Scrum meetings.
* Led discussions on resolving dependencies across premium finance teams.
* Weighed in on best practices for loading sprints with user stories
* Contributed to what stories the team commits to implement and assigned a Fibonacci number.
* Nearly single handedly increased the website code coverage from 1% to 70% in 4 months.
* Peer reviewed other developer’s code.
* Helped team members resolve technical issues
* Pioneered widespread usage of clean code practices and unit tests on the website.
* Researched technical issues to find an appropriate solution.
* Developed a one-page responsive website that used bootstrap.
* Performed user story and defect analysis to evaluate least possible changes to make
* Refactored existing code to increase unit testability and conform to coding best practices.
* Created new Entity Framework methods to perform CRUD operations against the database.
* Created new micro service web service methods.
* Added new SQL Server tables and fields.
* Wrote JavaScript to do client-side validation.
* Used the MVC framework to perform the changes needed to implement a user story.
* Wrote Unit Test for all new methods.
* Created and presented production change requests.
* Created client-side web services calls
* Wrote jQuery and JavaScript to create client-side functionality.
* Fixed defects.
* Tested micro service methods using Postman and Swagger.
* Upgraded the MVC version, .Net Framework, NuGet packages.
* Utilized Azure DevOps for source control and deployments.
* Used SonarQube to enforce code quality and for GIT gated check-ins
* Utilized REST APIs for web services

**Bank of America contracted through Apex Systems, Charlotte, NC November 2018-March 2019**

**Application Programmer**

**Projects:** Global Underwriting System and Global Monitoring System

* I worked in the Commercial Lending group in Bank of America. Global Underwriting System is an application that is used by 5,000 internal users to evaluate possible business to business deals.  
  before issuing loans for those deals. Global Monitoring System is an application that monitors deals after the loans have been issued and   
  while in repayment to ensure Bank of America’s investment is protected. Both applications are Windows Forms applications that utilize the three-tier design and WCF web services to interact with the database.
* All server-side code is written in C#.Net, .Net 4.8
* With little direction learned the GMS database.
* Created code, stored procedures, and LINQ to SQL to retrieve data from the GMS database to understand database tables, fields, and joins.
* Ramped up on the GMS loan conversion process to support converting 20,000 to a new loan type. Learned GUS business logic to code future changes.

**American Express Global Business Travel, Charlotte, NC August 2016-November 2018**

**Software Developer**

**Project:** HR Feeds

HRG/American Express GBT is in the business of managing other companies’ corporate travel. To facilitate this process HRG uses online booking tools (OBTs) to allow employees of their clients to book travel.   
These clients create employee profiles clients, send HRG basic HR data. HRG sends this data to one or more OBTs in a process called HR Feeds. I supported existing HR Feeds, built new feeds,  
 and I was one of the HRG North America point people for HR Feeds

* All server-side code was written in C#.Net.
* Met with business managers to understand support issues, determined a solution, and implemented the solution. Troubleshot and fixed HR Feeds support issues.
* Answered feed questions from HRG business managers.
* Created mapping documents that showed how the fields that are received on the feed were being mapped to the OBTs' fields.
* Created new stored procedures and staging tables in SQL Server for new feeds.
* Created statements of work for new HR Feed implementations and existing feed enhancements.

**Project:** HR Feeds UI Website

Functioned as the solo developer on a MVC 3 website to allow business managers and online support to have visibility into HRG/American Express GBT HR Feeds process. I architected the system, wrote the code, created database tables, stored procedures, tested the system, contributed to the requirements gathering phase, fixed support issues, and handled all access control requests

* All server-side code was written in C#.Net, .Net 4.6.
* Created a comprehensive client framework that allowed additional clients to be implemented with only a few hours of work. Continually refactored code to conform to industry best practices.
* Used LINQ to SQL for data access.
* Wrote JavaScript/jQuery functions for client-side events.
* Used JQGrid for data display.
* Implemented error logging using log4net error logging helper.
* Implemented custom website security.
* Wrote code to export data to CSV and Excel documents.
* Upgraded .Net Framework, jQuery, and MVC Framework.
* Wrote technical and user documentation.

**Project:** Table Maintenance Websites

Functioned as the solo developer on several a MVC 4 webpages within a larger website that allow HRG business managers to update lookup tables

* All server-side code was written in C#.Net, .Net 4.6.
* Wrote C# code and JavaScript/jQuery to conform to PCI standards.
* Extensively used jQuery, JavaScript, and JSON to perform client validation.
* Used LINQ to SQL for data access queries.
* Implemented AJAX to post data to the server.
* Implemented jQuery autocomplete combo box.
* Implemented jQuery Modal Popups.
* Implemented error logging using log4net error logging helper.
* Trained a SQL developer in how to implement another table on the website and helped him troubleshoot code issues. Created extensive deployment plans.
* Guided other developers in deploying new web pages for the website.

***Employment Outside IT August 2015-August 2016***

**Dealer Wizard, Concord, NC February 2015-May 2015**

**Software Developer**

**Project**: Auto dealership website adding new trade appraisal organization

Functioned as the solo developer on large project to add a new trade appraisal agency to an existing auto dealership management website.   
I architected the new solution, wrote code to address data integrity issues, developed tests cases, and tested my own code

* All server-side was written in C#.Net.
* Used Git for source control.
* Debugged issues.
* Used lots of stored procedures to save and retrieve data from the SQL Server 2012 database.
* Implemented Telerik RadGrids and RadWindows.

**AAA of the Carolinas contracted through Robert Half, Charlotte, NC November 2014-January 2015**

**Programmer Analyst**

**Project:** AAA Insurance website

I functioned as a contributing member of the production support team for the existing insurance website and then later the new insurance website that was going to be   
released at the end of the month. I fixed existing issues with the insurance website that AAA agents used to issue homeowner’s insurance and auto insurance policies.   
I also wrote new code to create new functionality for the new MVC website that serves the same purpose as the existing insurance website

* All server-side code was written in C#.Net.
* Fixed bugs in C# code and stored procedures including problem research for an ASP.Net insurance website including identification, correction, testing, and resolution.
* Created new ViewModels, Models, Controller methods, and Views to meet the requirements for the new website.
* Performed research and testing to ensure new MVC functionality met business requirements.

**Wells Fargo & Co. contracted through Vircon, Charlotte, NC August – November 2014**

**Web Developer**

**Project:** EARL Legal Tools Group

I functioned as a contributing member of small team in the Legal Tools Group in the larger Technology Operations Group.   
I made software modifications for a web application that tracks new laws introduced on the local, state, and Federal.   
The website is used by 1000 lawyers and paralegals throughout the Law Department

* All server-side code was written in C#.Net.
* Used TFS to check in code, SSRS reports, and stored procedures.
* Developed complex SSRS reports to meet business needs.
* Handled change requests and bug fixes within the application including problem research, identification, correction, testing, and resolution.
* Developed and tested ASP.Net application (Web Forms) modifications according to business requests.

**Wells Fargo & Co. contracted through TEKsystems, Charlotte, NC October 2013 – July 2014**

**Web Developer**

**Project:** Wells Fargo Relationship View (RV)

Functioned as a contributing member of a large team as part of the Wholesale Technology Services group. Used multiple tools in Microsoft Dynamics CRM customization,   
supported the customer relationship management software used by 3K+ users in the Wholesale Bank to track and convert customers and opportunities.   
I used Visual Studio and TFS to check-out code and make changes to the custom CRM implementation including custom scripting, and additions to forms and lists

* All server-side code was written in C#.Net.
* Gained a good understanding of the Software Development Lifecycle.
* Attended daily stand-up agile project meetings and provided input on the content of assigned stories and sub-stories.   
  Provided expertise in the design implementation discussion of some stories and assign points. Customized CRM Tenant entities, forms, fields, and web resources.
* Handled change requests and bug fixes within various applications including problem research, identification, correction, testing, and resolution.
* Collaborated on documentation for various support applications to cross-train other developers for application support.
* Created custom JavaScript implementations to enhance the existing CRM interface and refactor existing code for reusability and maintainability.
* Contributed to discussions of architecting a JavaScript and MVC 4 project.
* Deployed, ran, debugged numerous projects from local IIS environment
* Used ReSharper to enforce code quality

**At-Net Services, Charlotte, NC June 2012 to October 2013**  
**Software Developer**

**Project:** CRM Customizations  
Function as a solo developer consultant of ASP.Net applications that fit into a large existing Microsoft CRM framework for one of the company's clients.

* All server-side code was written in C#.Net.
* Created from scratch an ASP.Net application (Web Forms) to do reporting on the calls of the company’s hosted voice clients.
* Revised major portions of an existing ASP.Net application that was a CRM customization.
* Created small new CRM web applications.
* Used Telerik controls in many applications.
* Reconstructed an existing application from the ground up to improve its efficiency.
* Created moderate to complex stored procedures to be used in SQL Server 2008
* Created SSRS reports

**Comdyn Group, Charlotte, NC September 2011 to June 2012  
Programmer   
Project:**Federal Government Insurance Website

On a team of less than 10 developed code for a DotNetNuke federal government insurance website that has a possible pool of 100,000 claimants

* All server-side code was written in VB.Net.
* Tested code for an XML reader that saves data to a SQL Server database.
* Tested numerous ASP.Net pages.
* Created HTML pages from scratch using ASP.Net controls and HTML tags.
* Debugged and helped fix errors found in testing.
* Created a few DotNetNuke modules.

**True Homes, Monroe, NC** **April to September 2011**  
**Programmer**

**Project:**True Connect  
Functioned as the solo developed of a windows application written in C# that updates home sale contracts in the database and sent out one of five letters to buyers

* All server-side was written in C#.Net.
* Designed some new architecture of the system.
* Created all stored procedures in SQL Server
* Created all business objects.
* Debugged and fixed production errors.
* Solo tester and developer of application.

**EDUCATION:**

**Central Piedmont Community College, Charlotte, NC**

A.A.S. Computer Programming

**Central Michigan University, Mount Pleasant, MI**

B.S. Parks and Recreation