* Creative, results-driven software architect with multifaceted experience in the design, development, and timely delivery of enterprise software systems.
* Extensive qualifications in all aspects of the SDLC including software architecture, functional and technical project lead, and management.
* Proven experience in delivering enterprise software solutions.
* Accomplished, client-oriented leader with reputable experience in steering teams towards impeccable results.
* Relentless problem solver and exceptional critical thinker.

**TECHNICAL SKILLS:**

*Web/Development:*
Ajax, ASP.NET Web forms/ASP.NET MVC, Visual Basic.NET, C#, C++, Winforms/Smart Clients, Windows Store Apps, UWP, Silverlight, WPF, WF, Linq, Entity Framework, NHibernate, ADO/ADO.NET, Unity/Castle/Ninject/MEF frameworks, JavaScript, JQuery, Bootstrap, Knockout and Angular JS frameworks, JSP, Struts, Java, PHP, XAML, XML/XSD/XSL/XSLT, IIS, WCF/ Web Services, WF, GDI+, Win32, ActiveX, MFC, COM/COM+, MSMQ, Active Directory, LDAP, and MS Office VBA, UML
*Database:*
T-SQL/PL-SQL, MS SQL Server 2008 r2/2012, MySQL, and Oracle
*Operating Environments:*
Windows 10/8.1/8/7/Vista/XP, Windows 2013/2008/2003 Server, Virtual Server, UNIX, Tomcat, Web Sphere
*Software/Programs:*
Visual Studio.NET 2012/2013/2015, Eclipse, Vault, Perforce, Visual SourceSafe, TFS 2012/2013, MS CRM Dynamics, SharePoint 2010/2012/2013, Subversion, InstallShield, MS Office, MS Visio, MS Project, Rational Role, Erwin, Test Director, DevTrack, DevTest, NUnit, NAnt, FX Cop, NDepend, XCopy, Cruise Control.Net, Click Once, FinalBuilder, MS Build, PowerShell, InstallShield
*Methodologies/Architectures:*
Agile, Scrum, Waterfall, RUP, OOP/OOD, DDD, BDD, TDD, N-Tier, SOA, SaaS, Multi-tenancy

**PROFESSIONAL EXPERIENCE:**

***Pantheon, Inc. Arlington, VA*** *Senior Software Architect (Part-time consultant October 2009 – January 2010) October 2009 – Present*

* Participated in business analysis, development of deployment strategies, and custom solutions for current and future customers.
* Manage a small team of developers (10) locally and developers (30) abroad in our overseas office(s).
* Mentored and train development team, ran reoccurring developer training program on up and coming technologies.
* Managed, Designed and helped in development a Smart client WPF Framework utilizing WPF, Prism Framework, NHibernate, SQL Server, and various design patterns for our government projects.
* Managed development teams in accordance to our software best practices, standards, and efforts in ensuring release timelines are met and the quality of the software is upheld.
* Responsible for the source code and continuous integration build management processes.
* Perform code reviews to ensure that the code base adheres to standards, best practices and OOD/OOP.
* Designed and developed a proven extensible framework taking advantage of some the latest technologies such as Angular JS and Twitter Bootstrap. Also utilizing the latest on the Microsoft .Net 3.5/4.0/4.5/4.6 Technology stacks such as asp.net MVC and WPF, WCF, WF, etc.
* Responsible for technical portions of business development activities and proposal writing.

***Enlightened, Inc. Washington, DC*** *Senior .Net Architect / Technical Project Manager October 2009 – February 2010*

* Acted as both the Technical Project Manager and Senior Architect on a complex classic asp to asp.net 3.5 conversion project for the District Of Columbia Pretrial Services Agency (DC PSA).
* Managed the successful delivery of all contract based deliverables adhering to stringent CMII Level II guidelines and processes.
* Conducted several training sessions for the client developers to ensure that they could develop and maintain the converted framework.
* Managed small development team of 6 in accordance to our software best practices, standards, and efforts in ensuring iterative release timelines were met.
* Performed project planning and budgeting to ensure the project was both on track and budget.
* Responsible for setting up a Service Oriented Architecture (SOA) framework that helped to stream line the entire migration process.
* Mentored junior developers, business analysts and project managers.

***NGP Software, Inc. Washington, DC*** *Senior Software Engineer March 2009 – September 2009*

* Played a senior member role in the development and maintenance of a SaaS (Software-As-A-Service) web based campaign fundraising CRM enterprise system.
* Performed various proof of concept (POC) implementations for implementing enterprise level automation for Asp.Net MVC view engines, resource files, multi-threaded asynchronous processing.
* Performed all new and custom development for our largest client the Democratic National Committee (DNC). Projects included a custom automated windows service to automatically pull fiscal contribution information from the DNC’s various payment gateways (Including President Obama’s web site) and import this information into our Campaign Fundraising SaaS database.

***ARC Solutions, Inc. Washington, DC*** *Solutions/Software Architect July 2007 – February 2009*

* As one of three architects, played a major role in designing a SaaS (Software-As-A-Service) XML metadata driven web based Association Management System (AMS) enterprise (ASP.Net/C#) CRM application utilizing the .Net 2/3 framework, WCF, WF, NHibernate, Linq, XML/XSD, SQL Server 2005/2008, and OOD/Domain Driven Development (DDD) methodologies and design patterns.
* Lead all tasks related to new development and production maintenance through the means of bug fixes and new functional enhancements.
* Participated in business analysis, development of deployment strategies, and custom solutions for current and future customers.
* Managed Multitenant database to insure data synchronization, integrity, optimization, and database scalability.
* Managed quality assurance (QA) out-sourcing partners to guarantee software quality thorough black-box, regression, negative testing. Utilized Heat Maps to assess the quality of out-sourced work.
* Administered company wiki, SharePoint intranet, TFS, as well as, other cots products used in house.
* Acted as Scrum master for in our Scrum process that was established in the engineering department. Maintained the scrum board, product backlogs, iteration burn down and ran the daily scrum standup meetings.
* Mentored junior developers and ran reoccurring developer training program on up and coming technologies.
* Managed development team in accordance to our software best practices, standards, and efforts in ensuring release timelines are met.
* Designed and developed custom window applications for data updating and synchronization utilizing WPF, WCF, XAML, XML/XSD
* Designed and developed application bug fixes and enhancements in adherence to detailed requirements and architecture design docs, RAD development strategies and CMMI practices and procedures.
* Authored and co-authored detailed design docs for each corresponding functionality and modules that I was responsible for.
* Developed WCF API reference examples for current customer base.
* Provided technical quality assurance through unit and performance testing of all publicly exposed and application critical methods and properties
* Performed various roles in the administration of company network infrastructure and day to day network ops.
* Administered and maintained TFS and Subversion SCM, as well as, SharePoint intranet file share implementations.
* Prototyped a new version of the presentation framework utilizing ASP.Net MVC framework thus illustrating how we can take advantage of all the features of ASP.Net MVC such as the extensibility, true separation of concerns, customizability, as well as, how we can implement true modularization, plug ability, Dependency Injection, custom HTML extension form builder that builds page views from Xml metadata, Dynamic WSDL proxy generator (used in plug-in framework), etc.
* Developed custom membership/scholarship wizards that allowed the admin user to create custom views and forms for configured student scholarships and association membership.
* Developed dynamic view engine allowing for custom configurable views to be used throughout the entire system. This allowed some of our larger clients (i.e. ETS and NAESP) to extend the system to make custom views to facilitate UI workflow processes.
* Refactored/Enhanced WCF ObjectService to handle for ETS scholarship application process.
* Implemented Custom Searches for some of our larger clients.
* Developed custom windows task scheduler agents for automated scholarship application processes.

***SRA International Inc. Fairfax, VA*** *Senior Member of the Professional Staff November 2006 – July 2007*

* Played a senior member role in the development of the DOD - US Army Force Mobilization System (FMS). FMS is a windows client-server (thick client) utilizing the .Net 1.X framework, C#, ADO.Net, .Net remoting, Stored Procedures, Oracle 9i, and OOP methodologies and design patterns (Such as Strategy, Factory, Singleton, Facade, etc.).
* Performed development and production maintenance through the means of bug fixes and functional enhancements.
* Designed and developed application bug fixes and enhancements in adherence to detailed requirements and architecture design docs, RAD development strategies and CMMI practices and procedures.
* Authored and co-authored detailed design docs for each corresponding functionality and modules that I was responsible for.
* Provided technical quality assurance through unit and performance testing of all publicly exposed and application critical methods and properties.

***Avanade Inc. (Contractor - Starpoint Solutions Inc.) Washington, DC*** *Senior C#/Solutions Developer (USPS Shipping Assistant) June 2006 – November 2006*

* Played a senior member role in the development of the USPS Shipping Assistant 3.0 Windows Smart Client (C# win forms) utilizing the .Net 2.0 framework, GDI+, Aspect Oriented Programming (AOP), XML/XSD, Composite UI, Logging, Exception, Security, Updater Enterprise Application Blocks, and web services.
* Designed and developed modules in adherence to detailed requirements and architecture design docs, RAD development strategies and CMMI practices and procedures.
* Modules worked on include Shipping Label, My Shipments and Carrier Pickup, Address Book, Shipping Cart, and Label Image Designer Service (A Xml driven shipping label generator).
* Authored and co-authored detailed design docs for each corresponding module I was responsible for.
* Provided technical quality assurance through unit and performance testing of all publicly exposed methods and properties.

***CTIS/Digital Infuzion Inc. (Contractor - Modis Inc.) Rockville, MD*** *Senior ASP.Net/C# Developer April 2006 – June 2006*

* Played a senior member role in the development of the Voyager Application and User Management System utilizing the ASP.Net, C#, MS SQL Server 2000, and Microsoft Enterprise Application Blocks (open source).
* Developed module in adherence to detailed requirements and architecture design docs and RUP development strategies.
* Provided technical quality assurance through unit and performance testing.

***RGII Technologies Inc. Falls Church, VA*** *Programmer Analyst (eSolutions Group) April 2003 – April 2006*

* Designed, developed, and supported state-of-the-art applications in adherence to object-oriented principles (OOP) and rapid application development (RAD) techniques.
* Developed prototypes and deliverable applications, adhering carefully to complex business requirements, design specifications and strategies set by the lead analysts and program managers.
* Designed, developed, and implemented federal budgeting software for various clients including Department of State's Bureau of Finance and Management Policy, Office of Budget and Planning, Department of Labor's OASAM, and the National Oceanic and Atmospheric Administration's (NOAA) Central Budgeting Division. Applications included Mission Performance Plan (VB6, ASP.Net, C#, XML, SQL Server 2000), Bureau Performance Plan (VB6, ASP.Net, C#, XML, SQL Server 2000), Budget Document Publisher (Budget Book Document Generation Module), and Reports Publisher (Reporting Module) (ASP.Net, C#, XML/XSL/XSLT, SQL Server 2000)..
* Served as lead developer in the development and maintenance of the Budget Document Publisher (Budget Book Document Generation Module). This project was developed using the following technologies:
	+ Windows version: VB6, Com#, SQL Server 2000, Stored Procedures
	+ Web version: ASP.Net, C#, XML/XSL/XSLT, VBA, SQL Server 2000, Stored Procedures
* Served as project lead, architect and lead developer in the development and maintenance of the US Department of State’s help desk CRM System. The CRM System was developed using the following technologies, ASP.Net, C#, XML/XSL/XSLT/XSD, SQL Server 2000, Stored Procedures and was developed using OOP and design patterns.
* Served as project lead, architect and lead developer in the development and maintenance of the US Department of Housing National Servicing Call Center’s CRM Ticketing Management System. Application features include:
	+ FEMA Disaster Relieve CRM Module.
	+ Ticketing Assignment and Lifecycle Workflow automation.
	+ Custom reporting via SQL Reporting Services and MS Office automation.
	+ Advanced and optimized search-engine utility.
	+ A custom data recovery windows service to run nightly database backups and archives of files.

The CRM Ticketing Management System was developed using the following technologies:

ASP.Net, C#, VB.Net, XML/XSL/XSLT/XSD, SQL Server 2000, Stored Procedures and was developed using OOP and design patterns.

* Provided technical quality assurance services through unit and performance testing.

*Web Application Developer (Contractor / ESS Division) June 2002 – April 2003*

* Developed sophisticated content management system for the National Oceanic and Atmospheric Administration’s Educational Partnership Program (EPP).
* Managed all aspects of development including database design, programming and graphic design.
* Developed, analyzed, and maintained online conference registration application for the “Fourth Annual Expanding Opportunities Conference in Oceanic and Atmospheric Issues”, sponsored by NOAA, EPP, and Florida Atlantic University in April 2003.Application features include:
	+ Single and multiple client user conference registration.
	+ Online management of site content by conference planners.
	+ Automated report generation directly from browser window.

***PowerSports Inc., ePowerSports.com (Delray Beach, FL)*** *Lead Senior Developer October 2000 – February 2002*

* Led the online commerce development effort across varying departments within the ePowerSports division.
* Designed advanced software architectures built to manage thousands of unique visitors and hundreds of orders daily.
* Lead development and maintenance of multi-tier enterprise catalog and storefront applications using various modern technologies and software development best practices.
* Provided creative direction on all ePowerSports.com web initiatives including all graphic design, content posting and management of the ePowerSports.com online brand.
* Directed maintenance efforts of merchandise information updates for over a thousand products for existing ecommerce storefront.
* Lead development of double opt-in newsletter application resulting in a 1 million plus user base e-mail campaign.
* Lead development of several interactive product catalogs, as well as, PDF and print versions available through the ePowerSports.com storefront or various motorcycle publications.
* Hired and managed team of web developers and content editors.
* Interfaced with divisional managers to process business requirements.
* Provided unfailing end-user support and training and assisted with basic network administration.
* Designed and created numerous statistical and performance reports using Crystal Reports.

***Citizens Conferencing Inc. (Boca Raton, Florida)*** *Web Specialist November 1998 -– October 2000*

* Managed all facets of Web View Conferencing Services including reservations, training, conference execution, and web conferencing and help desk administration.
* Lead all aspects new development and maintenance of classic asp web application that integrated with WebEx web conferencing software as well as, Citizens Conferencingcustom reservation software. Technologies used in this application include: ASP, JavaScript, VB Script, VB6, and SQL Server 7.
* Coordinated customer reservations for conference calls and tele-seminar scheduling.
* Performed call operator duties including the management and moderation of 10-20 calls per day.

***Consultant / Custom Software Solutions*** *Consultant/Independent Contractor December 1998 – Present*

* Architect and implement high end websites, mobile apps and custom enterprise software solutions.
* Perform data modeling, analysis, and designed relational database schemas.
* Analysis and implementation of software processes and best practices.
* Successful integration of COTS based solutions.

**PROFESSIONAL ACCOMPLISHMENTS:**

* RGII Technology Achievement Award, January 2003
* RGII Developer of the Month, August 2003 & February 2004
* RGII Teamwork Award (E-Solutions Team), 2004
* RGII Teamwork Award (Housing and Urban Development Call Center Team), 2005

**EDUCATION:**

Florida Atlantic University 1999
BS Chemistry w/ minor in Computer Science

Edison Community College 1997
AA Chemistry

**REFERENCES:** Available upon Request