

Anthony Tristan

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Quality-focused and methodical IT professional with over 10 years of experience with web, intranet and software development in .NET technologies and Java. Experienced in all phases of the software development lifecycle with expertise in web development, data migration and ETL, database development and system integrations. I bridge the gap between full stack development like few others can because building quality software solutions that increase profitability and efficiency for my employer through the use of technology is what drives me.

Technical Skills

MS Technologies: Visual Studio 2000/2005/2008/2010/2012, .NET 1.1/2.0/3.5/4.0/4.5, LINQ, ASP.NET MVC 3/4, ASP.NET WebForms, Office Interops, SSIS, SSRS, Entity Framework 2/4/5

Web Technologies: MVC, jQuery, WebForms, Bootstrap, Metro UI, Angular

Languages: C#, Java, JavaScript, VB.NET, VB6, Classic ASP

Databases: MS SQL Server 2000/2005/2008/2008R2/2012, Oracle 8/9i

Source Control: Team Foundation Server 2010/2012, Visual SourceSafe, Git, PerForce, TeamCity, SVN

APIs: Telerik Kendo UI, Aspose Words, Aspose PDF, Rustici TinCan, RightFax, Microsoft Office Interops

Operating Systems: Windows 10/8/7/XP/2000/ME/98/NT 4.0, Linux SuSe/RedHat

Miscellaneous Technologies: Jira, Glassfish

Professional Experience

FCE Benefit Administrators – 2016

Position: Senior Software Engineer

Responsibilities:

- Investigate and resolve issues with web applications in MVC and web forms.
- Create ETL processes using SSIS packages.
- Technical training and mentoring in TFS, SharePoint, and MVC.
- Developed application architecture including rules engine and separation of concerns between application layers.

Notable Projects:

Spartan Project UI Worked on UI layer for new system being developed internally for benefit administration and automation of processes within the organization. Utilized MVC and jQuery to create responsive UI patterns that are easily maintained and enhanced.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	Front-end Development in jQuery and MVC
<i>Team Members:</i>	n/a
<i>Languages/Techologies Used:</i>	C#, ASP.NET, AJAX, jQuery, Javascript

<i>ALM Technologies</i>	TFS
<i>Databases Used:</i>	SQL Server 2014
<i>SDLC Used:</i>	Scrum

TAS to Spartan ETL Developed and managed the ETL process to extract data from a legacy system into the newly updated and revised sql database backend.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	ETL
<i>Team Members:</i>	2
<i>Languages/Technologies Used:</i>	SSIS, SQL
<i>ALM Technologies</i>	TFS
<i>Databases Used:</i>	SQL Server 2014
<i>SDLC Used:</i>	Scrum

Rules Engine Developed rules engine in C# to manage the ever-changing business rules that define how business and IT systems within the organization operate.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	Middle-ware, business layer development.
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	C#, SQL
<i>ALM Technologies</i>	TFS
<i>Databases Used:</i>	SQL Server 2014
<i>SDLC Used:</i>	Scrum

Capital Group – 2016

Position: Senior Software Engineer - Contractor

Responsibilities:

- Investigate and resolve issues with critical web application in the financial industry.
- Integrate pdf output into web application generated dynamically in memory to prevent security issues.
- Lead meetings on resolving issues and ensuring that application is ready to be released to production within two months.

Notable Projects:

Overnight Mail System Resolved several major issues with system that had not been finished. System was way over due and past its scheduled release so timing was critical to this effort. After resolving major system issues, added several enhancement requests and packaged system for release to production within the two month deadline.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	Requirements gathering, database maintenance and troubleshooting, software design
<i>Team Members:</i>	n/a
<i>Languages/Techologies Used:</i>	C#, ASP.NET, AJAX, jQuery, Entity Framework 5, .NET Framework 4.5.1, Toad
<i>ALM Technologies</i>	JIRA, Perforce, Glassfish
<i>Databases Used:</i>	Oracle 11g
<i>SDLC Used:</i>	Scrum

Tesoro – August 2015 - December 2015

Position: Senior Software Engineer - Contractor

Responsibilities:

- Design and develop web applications.
- Design and develop database repository for applications.
- Utilize Kendo UI and other 3rd party utilities and apis.
- Implement layered architecture for separation of system concerns.
- Lead meetings for requirements gathering and business analysis.
- Lead team of 2 developers.

Notable Projects:

HR Workforce Planning Tool Created custom, web-based workforce planning tool to manage in real time, human resource allocation in relation to budgetary concerns and allocated positions within various organizations across the enterprise.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database design and creation, software design, management of developer resources
<i>Team Members:</i>	2 developers
<i>Languages/Techologies Used:</i>	C#, ASP.NET, AJAX, jQuery, KendoUI, Bootstrap Wizard, T4 templates, Entity Framework, MVC, LINQ, Bootstrap, Log4Net, AutoMapper, StructureMap
<i>ALM Technologies:</i>	TFS 2012
<i>Databases Used:</i>	SQL Server 2012
<i>SDLC Used:</i>	Scrum

DSA – January 2015 - August 2015

Position: Senior Software Engineer

Responsibilities:

- Design and develop back-end and middle-tier for web-based learning management system
- Design and develop database repository for LMS.
- Utilize TinCan API and Rustici Player APIs in web application.

Notable Projects:

ADLS Learning System Prototype Worked with team to create a replacement prototype system for the Air Force's ADLS learning system. System was to implement Rustici's LMS Player and to show a proof of concept on how to implement the TinCan API.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	Requirements gathering, database design and creation, software design, implementing Rustici's TinCan API
<i>Team Members:</i>	2 developers
<i>Languages/Technologies Used:</i>	C#, ASP.NET, MVC, SQL, Active Directory, Log4Net, Bootstrap, T4 Templates, AutoMapper, StructureMap
<i>ALM Technologies:</i>	TFS 2012
<i>Databases Used:</i>	Oracle 11g
<i>SDLC Used:</i>	Scrum

U.S. Army Ft. Sam – August 2014 - December 2014

Position: Senior Software Engineer

Responsibilities:

- Develop and maintain SSRS reports.
- Manage data in relational database.
- Write and maintain SQL scripts and stored procedures.

Notable Projects:

Reporting Managed reporting services for Army Dental Command; created new reports and maintained existing reports.

<i>Role:</i>	Senior Software Engineer
<i>Responsibilities:</i>	Requirements gathering, report design, management of data feeding reports.
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	SSRS, SQL
<i>ALM Technologies:</i>	TFS 2012
<i>Databases Used:</i>	SQL Server 2008 R2
<i>SDLC Used:</i>	Waterfall

Avanade – April 2012 - August 2014

Position: Senior Software Engineer

Responsibilities:

- Spearheaded knowledge transfer of insurance claims adjudication engine.
- Developed and maintained C# and SQL code.
- Developed SSIS packages for data migrations.
- Mentored and managed developers and business analysts.
- Design and develop databases.

Notable Projects:

Plexis Knowledge Transfer Managed a team of developers and BAs on an effort to do a knowledge transfer of a claims adjudication engine developed by a company called Plexis. The effort had no real goals or agenda from upper management so it was my task to create a plan and execute that plan to manage the transfer of knowledge to our developers and business analysts.

<i>Role:</i>	Project Manager
<i>Responsibilities:</i>	Manage developer and BA resources, create plan for KT of information regarding a complex system, mentor team on best approaches to manage KT, work with other PMs to mitigate issues and plan execution steps for knowledge transfer.
<i>Team Members:</i>	3 developers, 3 business analysts
<i>Languages/Technologies Used:</i>	C#, SQL
<i>ALM Technologies:</i>	VisualSourceSafe
<i>Databases Used:</i>	SQL Server 2008 R2
<i>SDLC Used:</i>	n/a

General Atomics Data Migration Managed a team of developers in San Antonio and mentored developers on building and implementing SSIS packages for data migrations. Lead effort to resolve various issues related to the complexity of the effort to move data from one SAP system to their new SAP instance.

<i>Role:</i>	Technical Lead
<i>Responsibilities:</i>	Build SSIS packages based on continually changing requirements, implement script components to make packages more efficient for data transfer and the continually changing requirements, mentor and lead team of junior developers.
<i>Team Members:</i>	2 developers
<i>Languages/Technologies Used:</i>	C#, SSIS
<i>ALM Technologies:</i>	n/a
<i>Databases Used:</i>	SQL Server 2012
<i>SDLC Used:</i>	n/a

SkyeHealth– August 2011 - April 2012

Position: Lead Software Engineer

Responsibilities:

- Analyze and develop business requirements to be used in patenting and copyrighting software as well as gather functional requirements to build an enterprise class system.
- Develop flowcharts and system diagrams to illustrate the flow of data and data exchanges also for patenting and copyrighting purposes.
- Develop and design data repository for system prototype effort.
- Develop and design layered architecture for system prototype effort.
- Design and develop databases.
- Utilize KendoUI for UI development.

Notable Projects:

Home Healthcare ERP System Managed all aspects of development and design of a home healthcare ERP-type system that was intended to be cloud-based. Created system documentation, did business and functional analysis, created and developed database, managed installation of server software for source control and database management, installed and managed SharePoint and implemented friendly url naming conventions on sites for easy navigation for end-users.

<i>Role:</i>	Project Manager, Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database creation, software design, management of infrastructure resources
<i>Team Members:</i>	1 system admin
<i>Languages/Technologies Used:</i>	C#, ASP.NET, AJAX, Active Directory, SharePoint, Project Server, IIS, KendoUI, jQuery, Bootstrap
<i>Databases Used:</i>	SQL Server 2008 R2
<i>SDLC Used:</i>	Waterfall

Trinity Millennium Group – June 2010 - August 2011

Position: Senior Software Engineer

Responsibilities:

- Develop solutions to various critical business specifications
- Update and enhance existing automated code migration framework
- Update and create language grammars to be used by code migration framework during the parsing and translation process
- Created layered framework rewrite of existing migration framework
- Design and develop databases.

Notable Projects:

Medco Business Rules Created grammar to translate PL/SQL and OracleForms code into business rules. Updated ACM framework to utilize this new grammar to parse OracleForms code.

<i>Role:</i>	Senior Engineer
<i>Responsibilities:</i>	Develop grammars, develop C Java code, maintain existing ACM framework
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	Java, ANTLR Grammars, SQL, OracleForms, PL/SQL
<i>ALM Technologies:</i>	SVN, TortoiseSVN, TeamCity
<i>Databases Used:</i>	n/a
<i>SDLC Used:</i>	n/a

Schema Builder Lead team to develop COBOL parsing tool that parses COBOL code and breaks down areas that are data related and converts the code and subsequent data to a relational data store that can target various database backends including SQL Sever, Oracle, MySQL, etc.

<i>Role:</i>	Lead Software Engineer
<i>Responsibilities:</i>	Lead effort to update grammars to parse COBOL code, lead effort to develop C# code framework to manage automated task of building an RDBMS from COBOL code, maintain existing ACM framework
<i>Team Members:</i>	1 Developer
<i>Languages/Technologies Used:</i>	C#, ANTLR Grammars, SQL
<i>ALM Technologies:</i>	SVN, TortoiseSVN, TeamCity
<i>Databases Used:</i>	SQL Server 2008 R2
<i>SDLC Used:</i>	Scrum

WellMed Medical Group – June 2009 - June 2010**Position:** Web Developer**Responsibilities:**

- Analyze and develop business requirements to build an enterprise class system.
- Develop flowcharts and system diagrams to illustrate the flow of data and data exchanges.
- Design and develop databases.
- Develop using Silverlight and WCF.
- Develop using C# and AJAX.

Notable Projects:

HL7 Intake System Managed all aspects of development and design of an HL7 import and correction system that was intended to accept differing import types and looked for errors and gave admins the ability to resolve issues.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database design, software design, management of infrastructure resources
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	C#, Asp.NET WebForms, AJAX, Active Directory, Javascript, Visual Source Safe 2005
<i>Databases Used:</i>	SQL Server 2005
<i>SDLC Used:</i>	Waterfall

SalesForce Integration Managed the integration of SalesForce into the current database and patient management profiles.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, SSIS package development, C# development in SSIS
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	C#, SSIS, SQL

<i>ALM Technologies</i>	Visual Source Safe 2005
<i>Databases Used:</i>	SQL Server 2005
<i>SDLC Used:</i>	Waterfall

RightFax Integration Managed the integration of RightFax into a gap recovery system to automate the faxing of documents to federal government for recovery of money.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, RightFax integration, threading, C# development
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	C#, RightFax API, SQL
<i>ALM Technologies</i>	Visual Source Safe 2005
<i>Databases Used:</i>	SQL Server 2005
<i>SDLC Used:</i>	Waterfall

Valero Energy Corp – August 2007 - June 2009

Position: HRIS Analyst

Responsibilities:

- Analyze and develop business requirements to be used in HR systems.
- Develop flowcharts and system diagrams to illustrate the flow of data and data exchanges.
- Design and develop databases.

Notable Projects:

Automated Time Off Management system used to manage employee time off and automate the time off request process.

Mgmt System

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database creation, software design, management of infrastructure resources, table schema design
<i>Team Members:</i>	n/a
<i>Languages/Technologies Used:</i>	Java, C#, ASP.NET, AJAX, Active Directory, SQL
<i>Databases Used:</i>	SQL Server 2005, Oracle
<i>SDLC Used:</i>	Waterfall

W4 Form Automation Managed all aspects of development and design of a system to automate the paperwork process for filling out W4 and tax information for new employees and existing employees.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database creation, software design, management of infrastructure resources
<i>Team Members:</i>	n/a
<i>Languages/Techologies Used:</i>	C#, Asp.NET, AJAX, Active Directory
<i>Databases Used:</i>	SQL Server 2005
<i>SDLC Used:</i>	Waterfall

Talent Mgmt System Managed all aspects of development and design of a talent management system for tracking employee and potential employee curricula vitae information, classes taken at Valero and any additional information.

<i>Role:</i>	Lead Developer
<i>Responsibilities:</i>	Requirements gathering, database design, software design, management of infrastructure resources, integration with Taleo
<i>Team Members:</i>	n/a
<i>Languages/Techologies Used:</i>	C#, Asp.NET, AJAX, Active Directory, SQL
<i>Databases Used:</i>	SQL Server 2008 R2
<i>SDLC Used:</i>	Waterfall

Education

- **San Antonio College, San Antonio, TX** - Associate of Applied Science in Network Administration
- **University of Phoenix, Phoenix, AZ** –Bachelor of Science in Information Technology
- **St Mary's University, San Antonio, TX** –Masters in Computer Science (unconferred - 12 hrs completed)