# Krishna Tummalapalli

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**Summary:**

* Around 8 years of IT experience in all phases of Software Development Life Cycle (SDLC) such as Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based Applications in domains like Education, Avaiation and Health**.**
* Extensive experience of designing and developing software applications with the C# (4.0/3.5/3.0)/VB.NET (9,8), .NET Framework (4.5/4.0/3.5/3.0), ASP.NET (4.5/4.0/3.5/3.0), ADO.NET, AJAX, LINQ, CSS, Web Services, WCF Services.
* Experienced in a fast-paced Agile Development.
* Responsible for designing Presentation Tier (web pages, Views) using the concepts such as Master Pages, User Controls, Themes, Skins, HTML5, CSS3, Java Script, jQuery, Razor View, Bootstrap and worked with ASP.NET Custom Controls.
* Experience in using Language-Integrated Query (LINQ) query and in retrieving data from different data sources.
* Experience in building web applications using AngularJS, ASP.NET MVC and Entity Framework.
* Experience in database designing Relational Database Management Systems using Oracle, SQL Server, and MySQL.
* Experience in using ASP.NET AJAX /jQuery AJAX framework for quickly creating efficient and interactive Web applications that work across all popular browsers.
* Worked extensively with ADO.NET objects such as Data Adapter, Dataset, and Data Reader to interact with databases like SQL Server 2010/2008/2005& Oracle 10g.
* Experience in database related work primarily creating complex stored procedure, Views, Triggers, Functions, using PL/SQL, T-SQL.
* Experience in deploying, configuring, and maintaining the web applications and services on IIS 7.0.
* Experience in developing components in Hub Zero (CMS).
* Experience in developing custom web parts in SharePoint.
* Worked in agile team environment to complete the tasks within the sprint duration.

technical skills

**Programming Languages** C#.Net (5.0/4.0/3.5/3.0) , HTML5, T-Sql, PL/SQL, PHP

**Web Technologies**  ASP.NET 4.0/3.5, ASP.NET, MVC 5/4.5/4.0/3.0, ASP.Net Ajax 3.0/2.0, JavaScript, JQuery, Bootstrap.

**Xml Technologies** XAML, XML, XDOCUMENT, XSLT, XPATH, XSL

**IDE Tools** Visual Studio 2015/2012/2010/2008, Sql Server Management Studio, Toad, Sql Plus.

**.Net Frameworks** .Net Framework 4.5/4.0/3.5/3.0

**Databases** MS SQL SERVER 2016/2012/2008/2005, MS Access 2010/2007, Oracle 10g, MySQL

**Version**  Control Tools Team Foundation Server, Git

**Servers** Windows Server 2008, Microsoft IIS(7.0)

**Other Utilities** Resharper

professional experience

**Purdue University Sep2014 – Current Agriculture Information Technology.**

**Sr. Web Application Developer**

**Projects Description:**

The extension website has the provision of pinning the events and articles. Pinning ensures that the event/article is displayed on top of the page and is highlighted so that it is difficult to miss. Other than that, another crucial functionality that the Purdue extension website has is of the notification center. It was designed on the lines of the Facebook notification center. Whenever a new event/article is added/deleted/updated.

The scholarship management application displays the various scholarships available along with the minimum criteria required to earn each scholarship. Apart from that it also displays which scholarship has been awarded to which student. The application is also capable of showing historical data in case the departments would want to know how much amount of a particular scholarship was awarded in a particular. This application has two different views for two different Purdue colleges. It also allows import and export functionality of the excel files.

**Responsibilities:**

* Involved in Requirements gathering, Design & Analysis of the Customer Specifications, Development, and Customization of the Application.
* Controlled overall look and feel of ASP.NET web site by consuming twitter boot strap front end tool kit.
* In charge of Extension Depot Web application.
* Developed components in HUB Zero (CMS)
* Developed web application using MVC 4.5.
* Involved in preparing deployment packages for the Web applications.
* Utilized ADO.Net for data retrieving, querying, storage and manipulation using LINQ.
* Involved in Bug Fixes.
* Worked on Performance Tuning and Optimization using SQL, T-SQL and performed Query Optimization for faster access and high performance of SQL statements.
* Building web applications using AngularJS, ASP.NET MVC and Entity Framework.
* Involved in the management of the TFS by merging the code between different branches, performing code analysis, checking for the version conflicts, and deploying of the applications.
* Created and maintained database objects like complex Stored Procedures, Packages, Triggers, Cursors, and Views
* Deploying the web solutions in Development and Staging servers.
* Research and recommend project improvements based on modern and upcoming web technologies and trends.
* Work closely with departments and other college/university resources to design web site templates which promote both the department and the College.
* Isolate technical problems; analyze, solve, complete needed coding, debug, and release of existing web applications.
* Remain current on new tools, technologies, and web development strategies through training and educational activities, including certifications requirements.

**Environment:** Visual Studio 2015, 2012, C#, ASP.NET 4.5, ASP.NET MVC 5, 4.5, Entity Framework Web Services, AngularJS, PHP, Java Script, JQuery, SQL SERVER 2016,2012,2010, Mysql and Bootstrap 3.4.

**Arizona Department of Health Service Nov 2013 – Aug 2014**

**Role: .NET Developer**

**Project Description:**

EBRS (Electronic Birth and Registration System) allows medical facilities to report births electronically with the state agency. This system maintains records of births occurring in the state of Arizona and provides the ability to amend the existing information. The system is capable to collect all the key elements of birth under the new STD developed by NCHS. The application was built on the top of a legacy system which helps maintain the old data and start recording the current births in a new set of STD.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Implemented ASP MVC 3.0 framework for the development of the application.
* Extensively used JQUERY to make client-side validations and used AJAX calls where ever necessary for auto filing fields and performing asynchronous calls.
* Implemented the membership provider and RBAC for authentication and authorization of the users.
* Involved in designing and development of WCF services in C#.NET which communicate with the data base and render the data back to the client consuming the service.
* Implemented Channel Factories as the communication channel to talk to services.
* Responsible for maintaining versions of source code using Team Foundation Server 2010.
* Designed Application using prominent design patterns to enhance extensibility and promote standards to program to an interface rather than implementation.
* Performed unit testing and integration testing by applying test cases and also wrote test cases by inculccating Test Driven Methodologies.
* Utilized ADO.Net technology for data retrieving, querying, storage and manipulation using LINQ.
* Involved in the migration of the data base from Oracle 10g to Exadata.
* Created and maintained database objects like complex Stored Procedures, Packages, Triggers, Cursors, Tables, Function’s, and Views.

**Environment:** Visual Studio 2012, 2010, C#, ASP.NET 4.0, ASP.NET MVC 3.0 Web Services, Java Script, J Query, Oracle 10g, SQL SERVER 2012,2010.

**Deloitte, Harrisburg, PA Mar 2013 – Oct 2013**

**Role: .NET Developer**

**Project Description:**

TCRS (Tennessee Consolidated Retirement System) provides its customers with a consolidated Retirement system which allows it’s users to enjoy the functionality designed to take care of the needs of all the members. Using TCRS the users can calculate the benefit estimates, update their personal information, request for Refunds and create a request for customer service. The retirement system providers use the system to review, approve and process the requests of its users.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Implemented ASP MVC 3.0 framework for the development of the application.
* Extensively used JQUERY to make client-side validations and used AJAX calls where ever necessary for auto filing fields and performing asynchronous calls.
* Implemented the membership provider and RBAC for authentication and authorization of the users.
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**Environment:** Visual Studio 2012, 2010, C#, ASP.NET 4.0, ASP.NET MVC 3.0 Web Services, Java Script, J Query, Oracle 10g, SQL SERVER 2012,2010.

**Department of Rehabilitation and Correction, Columbus, OH May 12 – March 13**

**Project: DOTS**

**Role: .Net Developer**

**Project Description:**

ODRC is a state department that manages correction institutions and rehabilitation facilities in the state of Ohio. The web portal DOTS was developed for them ASP.NET 1.0. I redesigned and redeveloped this portal in ASP.NET 4.0. Also, rewrote the web applications in ASP.NET which were previously written in ColdFusion. Developed intranet based WPF application for viewing, tracking and searching documents using Windows Communication foundation technology as service layer.

**Responsibilities**

* Involved in Software development life cycle (SDLC) of application from design phase to implementation phase, testing, Deployment and maintenance phase
* The application was developed using the Model View Control (MVC) architecture that gives a clear separation of representation of information from the user's interaction with it.
* Developed the different user controls and used in the web application using C# and ASP.NET.
* Used JavaScript to build the rich text editor with file upload options
* Created HTML Helpers in order to reduce the amount of tedious typing of HTML tags
* Worked on .NET Security features such as Forms-based Authentication and Role-based Authorization
* Used the controls and components from the AJAX control toolkit to achieve rich user experience
* Used User Controls, Custom Controls and Data Controls for UI.
* AJAX controls which provided responsive user interfaces to display the data on the web page
* Developed Data Model Classes with LINQ to SQL and business rules that are implemented within model layer using C#
* Used TFS (Team Foundation Server) for all the source code maintenance and usage among the whole team members

**Environment:** Visual Studio 2010, ASP.NET 4.0, HTML, CSS, JavaScript, LINQ, SSIS, WCF, SOAP, HTTP, XML, HTML, TFS

**GE Capital Health Care Financial Services, Chicago, IL Jun 11 – Mar 12**

**Project: Digital Cockpit project**

**Role: .NET Developer**

**Project Description**

Worked on designing and development of Digital Cockpit Software in the GE Capital Health Care Financial Services. The project was developed in Microsoft .NET and it has main two modules, Commercial Finance and Equipment finance. The Commercial Finance and Equipment finance further had sub categories like side GE Investment.

**Responsibilities:**

* Involved in enhancements, design reviews and functional and operational requirements.
* Retrieved the data from the data sources such as Microsoft SQL Server and XML files and connected it to Web forms for manipulating the data using Ado.net Technology.
* Developed SQL queries, Stored procedures, Functions, triggers to handle the business rules data integrity and for various data transactions.
* Used Data Transformation Services to import the data in SQL server from heterogeneous data sources like excel Access and Oracle.
* Version and Source control was maintained using the Visual Source Safe.

**Environment:** VS 2010, C#, ASP.NET, ADO.NET, HTML, CSS, JavaScript, XML Web Services, XSLT, IIS 6.0, SQL Server 2007, VSS.

**Shreepa Logistics Pvt Ltd. Aug 2009 – Nov 2010**

**Role: Junior Developer**

**Project Description**

CITS (Carrier Information Tracking System) An historic application was not capable of handling a large amount of data. As a result of which, it had slowed down. Investigated the cause of the slow down. Also, made changes to speed up the application.

**Responsibilities**

* Updated the application to better handle large amount of data
* Performed testing to investigate the cause of the slowdown of the application
* Made updates to the application to speed up the performance
* Bug fixes.

**Environment**: Asp.net 3.0, SQL SERVER 2005, XML, XSLT, CSS, JavaScript