**Sai Krishna**

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**Full Stack .Net Developer**

**SUMMARY:**

* 7+ years of professional experience in analysis, design, testing and implementing Service Oriented Architecture (SOA) based Applications, **client-server** applications, **N-tier applications**, **Object Oriented Programming Concepts (OOPS)** and **Windows /Web based applications.**
* Solid work experience in **Agile and Waterfall Methodology.**
* Solid work experience in Design and Development of Web Applications using the **MVC Architecture and Entity Framework Code First**.
* Expertise in Designing and developing **Angular Js Controllers, Factory Services, Directives** using **isolated scope**.
* Configured **Angular routing** rules by using **route Provider** to navigate and building smaller pieces to be used by different controllers.
* Extensive experience in high volume of mainframe coding, testing in mainframe
* environments like COBOL, JCL, CICS, IMS-DB, IMS-DC, SPUFI, DB2, TSO/ISPF, EASYTREIVE,
* Control performance tuning, debugging and troubleshooting.
* Expertise in .NET Framework , C#, ASP.NET, ASP.NET MVC 4/5, LINQ, ADO.NET, Entity Framework, JavaScript, JQuery, Angular 1.x / Angular 2, Web Services, WCF, Threading, Console Applications, Windows Applications, Visual Studio, AJAX, JavaScript, JQuery, Bootstrap, XML, XSL, XSD, HTML.
* Hands on experience using various Mainframe tools and technologies like COBOL, DB2, JCL,CICS, IMS DB, Change man, Xpediter, Jobtrac, DB2 Platinum, SPUFI, Abend Aid to name few.
* Solid work experience in developing **Web API REST-Ful** Services.
* Expertise in Designing and Writing **Unit** Tests and **Integration** tests using **NUnit** and **Moq** Framework, **Spec flow** as part of Test Driven Development (**TDD**).
* Extensive Knowledge of Object Oriented Design Patterns including **Factory**, **Façade, Command** and **Singleton** and **SOLID** design Principles.
* Solid experience with **Responsive Web Design (RWD)** technologies like Angular **JS, Angular2, jQuery, jQuery Mobile, Node.js, Cordova framework Bootstrap, HTML, Breeze, XHTML, CSS, Sass, Scss, XML, JavaScript, Mongo DB, AJAX** and **JSON.**
* Experience in analysis, design, development and implementation of client/server applications using **C#, ASP.NET, ADO.NET, Web services, Angular JS, Kendo UI, WCF, WPF, Enterprise Library, SOAP, XML, ASP, Knockout JS, JavaScript, HTML and AJAX.**
* Involved in trouble shooting of performance issues which were associated with Tableau reports.
* Also involved in administration tasks such as publishing workbooks, setting permissions, managing ownerships, providing access to the users and adding them to the specific group and scheduled instances for reports in Tableau Server.
* Extensively used **MVVM, LINQ (LINQ to SQL, LINQ to Entities),N-Hibernate, ADO.NET, Entity Framework** 4.0/5.0/6.0and **T-SQL** in developing **Data Access Layer**.
* Used WCF as a service to provide the data from database, purposely for security. Consumed the service using jQuery/Ajax in the cross-domain environment.
* Solid Work experience in creating **DTS**, **SSIS** packages **and SSRS** web reports**.**
* Extensive experience in writing stored procedures, triggers, views, schemas and functions, Cursors using SQL Server database 2012/2008/2005, Sybase, MS-Access and Oracle PL/SQL.
* Used Extensively **ADO.Net data access techniques** i.e. SQL Connection Objects, SQL Command Objects, Data Set Objects, Data Reader Objects and Data Adapter Objects.
* Extensive experience with development & deployment of **Web Services (SOAP, UDDI & WSDL), WPF, MVVM, WCF services, N-Hibernate, Web Api, SOA, SSO (Single Sign On)** using the .NET Framework 3.0/3.5/4.0/4.5.
* Also worked with **Single-Page Application (SPA)** template using **KnockoutJS** for **ASP.NET MVC** applications.
* Experience in designing and developing Web based applications using technologies like: **VS.NET, IIS, Visual InterDev, COM, DCOM, JavaScript, AJAX, MASTER PAGE, CSS,** coding as per the **coding standards** and perform the **Unit testing** and integration testing.
* Extensively used **TELERIK** and **BOOTSTRAP** in designing UI.
* Experience i**n Fine-tuning** an**d bug fixing** of applications in various environments**, Excellent Debugging** Skills with **Chrome, IE** developer tools and Extensive knowledge in using **Fiddler**.
* Experience in implementing **error handling, exception management, tracing** and **logging** features.
* Extensive experience in creating reports using **Crystal Reports** and SQL Server Reporting Services **(SSRS)**.
* Worked on **ASP.NET MVC**, **Singleton, and Abstract Factory and Factory Design** patterns.
* Experience working with version control tools like **Team Foundation Server (TFS)**, **Microsoft Visual Source Safe (VSS)** and **Sub Version (SVN).**
* Extensive experience in testing and running mainframe jobs (JCL).
* Experience in creating and verifying test data stored on a mainframe relational database using tools such as DB2, Stored Procedures, File-Aid, QMF and Spufi.
* Diverse work experience in Unit, Integration, Functional, Regression, System, Performance,
* Data Flow and Path testing of Client/Server, Mainframe and Web based (Java) applications.
* Ability to effectively communicate with third parties and technical and business product managers on solution design.
* Extensive experience in requirements analysis and development for a brand new version of litigation process product with possibilities for **documents search**, text extraction, documents and cases organization, **processes and cases visualization**, **recommendation system integration**.
* Worked in **onsite/offshore** development and **global delivery models**
* Working experience with Unified Modeling Language **(UML)** standards and documentation and experience in preparing Use Case Diagrams, Class Diagrams, Sequence Diagrams and Activity Diagrams using design tools such as Microsoft Visio.
* **Ability to prioritize** and meet operational deadlines in a demanding and fast-paced environment.
* **Self-motivated** and **result oriented** team player with excellent interpersonal and presentation skills.
* Have an ability to understand high-level business requirements and apply technology and framework to form innovative solutions, comprehensive knowledge of problem analysis, structural analysis, programming techniques, debugging and production support.

**TECHNICAL EXPERTISE:**

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| **.NET Technologies** | ASP.NET MVC 5, ADO.NET, AJAX, Classic ASP ,LINQ, WCF, WPF, Kendo UI, N-Hibernate, SILVERLIGHT, SOAP, RESTFULL SERVICES |
| Languages | C#.NET, VB.NET, Visual Basic, C, C++,T-SQL, PL/SQL |
| Databases | SQL 2012/2008R2/2008/2005, Oracle11g/10g/9i/8i,MSAccess ,NoSQL |
| Web Technologies | HTML, DHTML, XML, XSLT, XSD,WSDL,XAML, SOAP, CSS, Web forms, Web Services, POWERSHELL |
| Scripting Languages | HTML5, CSS3, JavaScript, JQuery, VB Script, Knockout JS |
| Web Servers | IIS 8.0/7.0 /6.0/ 5.0 |
| Web Page Editors | Visual Studio .NET 2013/ 2012 / 2010 / 2008 /2005. |
| .Net Framework | 2.0/3.0/3.5/4.0/4.5 |
| Operating Systems | UNIX, Windows 8/7/XP/Vista / 2000 / NT / ME / 98. |
| Reporting Tools | SSIS, SSRS, Crystal Reports, MS Excel and PDF |
| Version Control Tools | Microsoft Visual SourceSafe, Team Foundation Server, SVN, GIT |
| IDE and Tools | Microsoft Visual Studio. Net 2013/2012/2010/2008/2005, MS Office, Microsoft Visio, SQL Profiler, SQL Server Agent, NUnit, Azure |
| MS Software Packages | MS Office, MS FrontPage, Microsoft Visio, SharePoint 2010, MS Excel |
| Content Management System | Sitecore,Civic Plus, Umbraco |

**PROFESSIONAL EXPERIENCE:**

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| **Client** | Beacon Health Option, Reston, VA |
| **Title** | Full Stack .Net Developer |
| **Duration** | Mar 2016 – Present |

**Responsibilities:**

* Highly involved in requirement analysis and application design meetings with business analysts and team members to finalize the requirements and Created Initial page layouts using wireframes.
* Used **AGILE** methodologies to implement the application and participated in daily **SCRUM** and weekly **SPRINT** meetings**.**
* Create new **web forms**, design and implement business logic behind them using **ASP.NET, C#, VB.NET, Kendo UI**
* Designed and Developed views in **MVC** 5 using **Razor Engine**.
* Responsible for coding as per the **coding standards** and perform the **Unit testing** and integration testing.
* Extensively used User interface controls which use **JQuery** to validate client side validation.
* Responsible for writing **async** programming which is a new future of .**Net Framework 4.5**
* Designed and Developed dynamic **WebPages** using **Bootstrap JavaScript JQuery**
* Built and delivered the necessary data integration using mainframe cobol platform
* Very good experience in the mainframe environment that includes both batch and on-line processing in a z/OS, CICS, DB2 environment
* provide data feeds to Centers for Medicaid Services (CMS)
* Participated in the AIX conversion of the Dialogue Statements application from a previous mainframe-only application.
* Perform enhancements for Web using **C# ASP.Net, T-SQL, N-Hibernate** and **SQL Server**
* Excellent experience with develop, design, deploy web service, WCF, web API in cross domain environment and other .NET technologies including Entity Framework 6/5/4, ADO.NET, and LINQ.
* Used WCF as a service to provide the data from database, purposely for security.
* Experience in using **SSIS** and **SSRS** tools like Import and Export Wizard, Package Installation, and SSIS Package Designer.
* Experienced in **Model View Controller (MVC)** frameworks such as **Angular2** for creating **Single Page Application** (SPA).
* Used **HTML5 CSS3** and **Angular2,Angular4** for our prototype- working model.
* Created **Templates** and **Renderings** as part and integrated with Code.
* Worked **WCF** Restful and simple **ASMX** services to retrieve data using **XML** and **JSON**.
* Created Custom **HTML** Helpers for **MVC** Validations.
* Involved in the development of models, view models, views, partial views and controllers
* Worked closely with the Business Analysts in requirement gathering and design review activities
* Worked with different **JQuery** plug-ins and implemented client-side functionalities such as paging, table sorting/data tables, sliders.
* Mastered the ability to design and deploy rich Graphic visualizations using Tableau.
* Converted existing BO 5x reports into **tableau** dashboards
* Evaluated system performance and validated **NoSQL** solutions.
* Integrated **Tableau** dashboards into internal web portal using Java Script API.
* Worked on **SOAP** and **RESTFUL** Service API using WCF which return **XML** and **JSON** data using **WCF attributes**.
* Used **LINQ** to **XML** for retrieving the data efficiently.
* Created hosted **WCF Services** and also used different bindings to make it available to different types of clients.
* Leveraged **WCF** mechanisms like seasoning, Instance management, and concurrency to make our services more robust and scalable.
* Post conversion the APT to AFP processing is on AIX box using Autosys Jobs/JILs and Korn shell scripts which leverages the pub file, messages and control files on AIX box. Finally,
* AFPs are sent to Mainframe which are eventually printed or stored in Ondemand.
* Created and maintained database objects like complex **Stored Procedures, Cursors, and Tables, Views**, **User Defined Functions, in SQL Server 2008/2012** for inserting/Updating/Deleting the data into the relational tables.
* Developed **PL/SQL triggers**and**master tables** for automatic creation of primary keys.
* Working with **Team Foundation Source Control TFS**as the source for version control and project / issue management
* Migrate and upgrade the application in to Angular 2/ Angular 4 (formerly Angular 2).
* Created the User Interface with typescript, angular 4 and HTML 5.
* Have been involved in project migration from **ASP.Net to MCV 5**
* Worked on **MVC test Project** to create automated test for simple test cases and for input validation.
* Worked on entire framework to support Test Driven Development(TDD) by making use of Dependency Injection through unity framework and developed a generic repository
* Performed Unit testing on every new version before sending it for User Acceptance Test **UAT** .
* Performed **Unit Testing** with the testing tool **NUnit** and involved in Unit test case, code review checklist preparation and validation.
* Strong trouble shooting and Problem solving skills in finding defects and resolving the issues.

**Environment**: Microsoft Visual Studio 2015/2013, MVC 5.0, .Net Framework 4.5,MVVM,Bootstrap, WCF RESTFUL Service API, ASP.NET, C#, HTML5, CSS3, Azure, AngularJS, Angular 2, Angular 4,Threading,Web Sockets, XML, JSON, JQuery, Kendo UI, Linq, NUnit, N-Hibernate, Team Foundation Server 2010 , Agile and Scrum, IIS 7.0, AJAX, Microsoft Enterprise Library, Log4Net, NUNIT, Oracle11g, SQL Server 2008, Oracle 10g, No-SQL, Windows Server 2008 R2/2008.

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| **Client** | Lumeri's Healthcare, St. Louis, MO |
| **Title** | Full Stack .Net Developer |
| **Duration** | Nov 2014 – Feb 2016 |

**Responsibilities:**

* Highly involved in requirement analysis and application design meetings with business analysts and team members to finalize the requirements and Created Initial page layouts using wireframes.
* Used **AGILE** methodologies to implement the application and participated in daily **SCRUM** andweekly **SPRINT** meetings**.**
* Create new **web forms**, design and implement business logic behind them using **ASP.NET, C#, VB.NET, Kendo UI**
* Created rich and interactive UI using **Windows Forms(WinForms)** and **WPF**
* Designed, developed, tested, and maintained Tableau functional reports based on user requirements.
* Mastered the ability to design and deploy rich Graphic visualizations using **Tableau**.
* Converted existing BO 5x reports into **tableau** dashboards
* Develop a **Sitecore** ASP.Net CMS website.
* Integrated Tableau dashboards into internal web portal using Java Script API.
* Implemented **Attribute Based Routing** to gain convenience and finer control over URLs with **MVC5**.
* Perform enhancements for Web using **C# ASP.Net,T-SQL, N-Hibernate** and **SQL Server**
* Developed **View-Models** to manage data from different models and organize code into a single object, optimized for consumption and rendering by the view.
* Used **Anti Forgery Token** to protect the application against cross-site request forgery.
* Used **FluentValidation** fluent **interface** and **lamda** expressions for building validation rules.
* Extensively used **Twitter Bootstrap** for making the page layouts responsive.
* Various advanced **Sitecore** customization techniques: **Jobs**, **Scheduled Tasks**, **Pipelines** etc.
* Applied **SOLID** principles to design and develop loosely coupled objects which are derived from Interfaces.
* Designed the application using **Creational** and **Structural design patterns.**
* Used **ADO.NET Entity Framework Model** as the Data Access Layer Database First and implemented the CURD Create, Update, Retrieve and Delete operations, Mapping and executed stored procedures
* Used **AJAX** and **JQuery** extensively for fast and asynchronous communication between page and server without refreshing the page.
* Used **AngularJS** framework for event management for data validation of input forms.
* Implemented **AngularJS Routing** to make the view a single page application.
* Developed custom**AngularJSdirectives** using **isolated scope** to be used as html elements.
* Used Structure Map to do **Dependency Injection** of the various View Models and Validators.
* Used **LINQ** for Database interaction.
* Constructed a **RESTful** web service that returns JSON data with **Entity Framework** and **Web API**.
* Expertise in using **global variables**, **expressions** and **functions** for the reports with immense experience in handling sub reports in **SSRS.**
* Responsible for coding as per the **coding standards** and perform the **Unit testing** and integration testing.
* Used **Entity Framework Code First** extensively to Add Migrations, Update database.
* Developed controller and service methods using **TDD** (Test Driven Development) methodology and developed unit and Integration tests by using **Nunit** and **Moq** framework.
* Implemented **partial mocking** on public methods to do unit testing.
* Used **Jira** extensively to modify Stories, Points and add comments. Involved in the estimation of Stories.
* Used **Git** extensively to rebase and merge branches to the Master. Used **Jenkins** to do Continuous Integration.
* Experience in **importing/exporting**data between different sources like Oracle/Access/Excel etc. using **SSIS**/DTS utility
* Responsible for code **deployments** to DEV, TEST and Production Environments.
* Used **Font Awesome** for Styling the views with scalable vector icons.
* Working experience with Off- shore teams.

**Environment:**ASP.NET MVC 5, Entity Framework 6 Code First, Web Api, Twitter Bootstrap, FluentValidations, Structure Map, LINQ, JQuery, Kendo UI, Angular JS, Azure, ADO.NET Entity Framework 6.0, N-Hibernate, HTML 5, CSS3, SQL Server 2012, T-SQL, IIS 8.0, TDD using NUnit and Moq, TIDAL, Resharper, Git, Jenkins.

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| **Client** | AAA Insurance, Orlando, FL |
| **Title** | Sr. .Net Developer |
| **Duration** | Sep 2013 – Nov 2014 |

**Responsibilities:**

* Highly involved in requirement analysis and application design meetings with business analysts and team members to finalize the requirements and Created Initial page layouts using wireframes.
* Used **AGILE** methodologies to implement the application and participated in daily **SCRUM** and weekly **SPRINT** meetings**.**
* Create new **web forms**, design and implement business logic behind them using **ASP.NET, C#, VB.NET**
* Implemented **Attribute Based Routing** to gain convenience and finer control over URLs with **MVC5**.
* Created rich and interactive UI using **Windows Forms(Win Forms)** and **WPF**
* Developed **View-Models** to manage data from different models and organize code into a single object, optimized for consumption and rendering by the view.
* Perform enhancements for Web using **C# ASP.Net, T-SQL, N-Hibernate and SQL Server**
* Used **Anti Forgery Token** to protect the application against cross-site request forgery.
* Used **Fluent Validation** fluent **interface** and **lamda** expressions for building validation rules.
* Extensively used **Twitter Bootstrap** for making the page layouts responsive.
* Applied **SOLID** principles to design and develop loosely coupled objects which are derived from Interfaces.
* Designed the application using **Creational** and **Structural design patterns.**
* Used **AJAX** and **JQuery** extensively for fast and asynchronous communication between page and server without refreshing the page.
* Used **Angular JS** framework for event management for data validation of input forms.
* Implemented **Angular JS Routing** to make the view a single page application.
* Developed custom **AngularJS directives** using **isolated scope** to be used as html elements.
* Used Structure Map to do **Dependency Injection** of the various View Models and Validators.
* Used **LINQ** for Database interaction.
* Constructed a **RESTful** web service that returns JSON data with **Entity Framework** and **Web API**.
* Used **Entity Framework Code First** extensively to Add Migrations, Update database.
* Developed controller and service methods using **TDD** (Test Driven Development) methodology and developed unit and Integration tests by using **Nunit** and **Moq** framework.
* Implemented **partial mocking** on public methods to do Unit testing.
* Used **Jira** extensively to modify Stories, Points and add comments. Involved in the estimation of Stories.
* Used **Git** extensively to rebase and merge branches to the Master. Used **Jenkins** to do Continuous Integration.
* Responsible for code **deployments** to DEV, TEST and Production Environments.
* Responsible for coding as per the **Coding standards** and perform the **Unit testing** and integration testing.
* Used **Font Awesome** for Styling the views with scalable vector icons.
* Working experience with Off- shore teams.

**Environment:**ASP.NET MVC 5, Entity Framework 6 Code First, Web Api, Twitter Bootstrap, Fluent Validations, Structure Map, LINQ, JQuery, Angular JS, N-Hibernate, HTML 5, CSS3, SQL Server 2012, No-Sql, IIS 8.0, TDD using NUnit and Moq, TIDAL, Resharper, Git, Jenkins.

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| **Client** | **InfoTech, Hyderabad, India** |
| **Title** | .Net developer |
| **Duration** | June 2011 – Sep 2013 |

**Responsibilities:**

* Worked extensively with the Business Analyst and Users to finalize the business requirements for the project.
* Responsible for creating Bi-weekly Sprints and participated in daily **SCRUM**.
* Designed and Developed **Controllers** and **ActionResult**, **JsonResult** and **FileContentResult** methods for Controllers.
* Create new **web forms**, design and implement business logic behind them using **ASP.NET, C#, VB.NET**
* Designed and Developed Views for the UI using **Razor** Syntax.
* Implemented **ACTION FILTERS** to record user activity in selected controllers.
* Developed server side Validations for the ViewModels using **Fluent Validation**.
* Developed the Entities needed for the Database tables using Entity Framework.
* Used **Telerik controls** Rad Combo box, Rad Text Boxes for the UI design**.**
* Used **RadGrid** to display data in the grid.
* Used **Twitter Bootstrap** styles extensively to get the right styling for the Web Pages.
* Used **AJAX** controls to minimize server round trip and enhance customer experience.
* Designed and Developed Unit and Integration test cases using **NUnit** and **Moq** Framework to identify and resolve integration, functional and usability issues before deployment.
* Used Team Foundation Server to version control the code and various artifacts.
* Used **JQUERY** extensively for client side validation, making Ajax request to server methods and passing back data to the view.
* Used **Crystal Reports** for reports generation.
* Responsible for coding as per the **coding standards** and perform the **Unit testing** and integration testing.
* Implemented and consumed Web Services using **WCF**.
* Create a Virtual Network on **Windows Azure** to connect all the servers.
* Design and Implement Database Schema, Import Schools data and build stored procedures on SQL **Azure**
* Involved in Production activities like merging code to the TFS, Created package and move the code to the Staging and production servers.

**Environment:**ASP.NET MVC 5, C#, SQL Server 2012 , Telerik UI controls, Fluent Validation, WCF, Azure,TFS, AJAX, JavaScript, HTML, CSS3, IIS, ADO.NET, JQUERY, NUnit, Moq, Crystal Report, SSIS