KarthikReddy Paduru

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**SUMMARY:-**

* Over **9+ years** of IT experience in complete Software Development Life Cycle starting from System Analysis, Design, Development, Implementation, Debugging and Testing of web based, Client-server and N-tier Architectures in Insurance, Banking, Tax and HealthCare domains.
* Expertise in using **Microsoft Technologies** such as **.NET Framework**(1.x/2.0/3.0/4.0/5.0), **C#.NET**, **VB.NET**, **ASP.NET, ADO.NET**, **AJAX, WCF, WPF, Silverlight, Web Services , LINQ, VBA, Enterprise Library** and **Visual Studio** 2005/2008/2010/2013.
* Experience in working with **MVC** 2.0/3.0/4.0,**WCF, jQuery, JavaScript, knockout.js, telerik, infragistic controls/Project Methodology, devexpress.tfs , vss, nuni, vsts and architecture(ntier or SOA or 3tier or MVC pattern ), Entity data model, Linqtosql, SSIS, Razor view, Bootstrap and BizTalk ,PowerShell.**
* Experience in creating dynamic web pages using **ASP.NET** 2.0/3.0/3.5/4.0, Winforms, Webforms, User Controls, Custom Controls, Validators and **AJAX** Framework to obtain partial updates and faster response time.
* Strong programming experience with web technologies like **HTML, WebSocket, JavaScript**, **CSS**, **XML, XSL** and **XSLT** and developed **Master pages** to build consistent and maintainable User Interface and applied **CSS** for a consistent look.
* Worked on Database design, Normalization, stored procedures, user defined functions, views**, SSRS, SSIS**and **triggers** for data manipulation using **SQL Server** 2005/2008/2012& **Oracle** 11g**/**10g/9i**.**
* Experience in using **LINQ, OOPs** and the **Ado.Net Entity Framework** (**ORM model)** to query the database and to create stored procedures, triggers and functions for the report generation.
* Experience in building **Silverlight 2.0** applications using .NET. Involved in building a rich web experiences using **Silverlight** and **JavaScript**.
* Experience in using **N-Unit, VSTS** and **NANT** Build Script to perform Unit/System testing to identify and resolve integration, functional and usability issues before deployments.
* Experience in using configuration Management Tools such as **Team Foundation Server (TFS)** and **Visual Source Safe (VSS)** for version control**.**
* Generated reports, pie charts, layouts and custom expressions, using **Crystal ReportsSSRS (SQL Server Reporting Services)**. Experience in using **Web Server – IIS 5.0/6.0/7.0.**
* Effective result-oriented team player with excellent communication and inter-personal skills with a positive attitude towards work with adherence to time schedules and quality delivery.
* Strong coding skills in developing web, console applications, REST Services AND Web API for Web application.

**TECHNICAL SKILLS:-**

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| .**Net Technologies** | Microsoft .Net Framework 1.0/1.1/2.0/3.0/3.5/4.0/4.5, C#.NET, VB.Net, ASP.Net, Ajax, Win Forms, Web Services, ADO.NET, SOAP, WCF, WPF, MVC,MVVM,VBA,LINQ, .Net Remoting, Silverlight2.0/3.0/4.0 |
| **Languages** | C#.NET 1.0/2.0/3.0/4.0, VB.Net ,SQL,PL/SQL,C, C++,PowerShell |
| **Operating Systems** | WINDOWS 7/Vista/ XP/ NT /2003/2000/98,Windows 2003 Server, UNIX |
| **Web Technologies** | XML, XSLT,XAML, ASP, JavaScript, JQuery, VB Script, Angular2 JS,AJAX, CSS, DHTML, HTML5, IIS,Knockout JS |
| **Querying Languages/Reports** | SQL, PL/SQL, Transact-SQL, Crystal Reports |
| **Databases** | SQL Server 2000/2005/2008/2012, MS Access 97/2000,Oracle 9i/10g/11g |
| **Version Controller** | Microsoft Visual Source Safe 6.0, Team Foundation Server |
| **Other Tools** | Microsoft Visual Studio .Net 2005/2008/2010/2013, MS Office |

**PROFESSIONAL EXPERIENCE: -**

**Wells Fargo capital market, Charlotte, NC Nov 2016 – Till Now**

**Sr.Net Developer**

**COLLINE:**

MMCOF is a web-based solution that supports all of regulatory and strategic collateral management needs anywhere business operates, across all time zones. At the heart of the system is a powerful, configurable enterprise inventory manager that interfaces with existing systems.

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COLLINE Optimisation maximizes financial efficiency, enables review of funding costs, and automates collateral sourcing and allocation processes. The optional module is integrated with agreement, exposure and inventory data, enabling real-time algorithmic calculation of the optimal available assets to be used. It takes into account configurable priorities and all legal and operational constraints. The user-friendly UI enables users to create bespoke optimisation rules, including flexible support for what-if scenario analysis.

With this holistic understanding of the underlying assets, the system is then able to:

**Responsibilities:**

• Automatically calculate exposure and balance collateral needs.

• Manage end-to-end margin call workflows.

• Reconcile margin call disputes.

• Calculate interest and produce fully configurable client statements.

• Provide consolidated information in user-defined dashboards.

• Support an array of sophisticated risk and trade analytics.

• Build and Supported OAQ CASH Movements.

•   Worked with WPF designing rich User Interface, creating Custom Controls using Expression Blend.

• Implemented MVVM (Model View ViewModel) pattern to create Silverlight 4 and WPF user controls.

• Set up Azure Active Directory and sync services with on-premise active directory.

• The application was designed and developed using ASP.NET MVC5, Razor and ASP.NET WEB API technologies in an end-to-end service oriented architecture running in the cloud.

• Implemented high-performance ASP.NET MVC 5 Web applications with a logical n-tier, service-oriented enterprise design pattern.

• Written custom directives, extracted parameters from routes, moved templates for routes into separate files and fetched data within custom directives in Angular.js

• Written automation framework using MVC and Angular.js

• Intraday Trade loading into colane via ARTS messaging including security build.

•Extensive experience in Web using MVVM,MVC,WPF and WEB API.

• REST defines an architectural style based on a set of constraints for building things the “Web” way. REST is not tied to any particular technology or platform . it’s simply a way to design things to work like the Web. People often refer to services that follow this philosophy as “RESTful services.

• ASP.NET Core ships entirely as NuGet packages. This allows you to optimize your app to include only the necessary NuGet packages.

• Support an array of sophisticated risk and trade analytics.

• Substantial experience with ASP.NET Core and C#, JavaScript, HTML5, and CSS3

• Used MVC (model-view-controller) architecture based development for creating Views and Partial Views – UI and middle tier for various modules.

**Environment: H/w:**Dell Latitude**O/s:**Windows 7 **S/w:**C# (version 4.6), ASP.NET MVC 5, Razor,DevExpress,Azure SDK 2.2 Angular2, Azure SDK 2.2,CSS, JavaScript,bootstrap. LESS,   IIS, Grunt, Require.js,Cloud Experience, Entity Framework 6.0, Oracle 11g,WPF, PL/SQL,RESTfull Web Services,.NET Core,HTML5,ODP.Net,WCAG ,WEB API,Algorithms**Tools:** Visual Studio 2015 & SVN.

**Ameriprise Auto & Home Insurance, Green Bay, WI Sep 2015 – Nov 2016**

**Onsite Tech Lead**

Is an insurance company based in suburban  Green Bay, Wisconsin? The company sells auto, home, condo, renters, umbrella (personal liability) and travel insurance. Insurance is underwritten by IDS Property Casualty Insurance Company and Ameriprise Insurance Company, each a wholly owned subsidiary of Ameriprise Financial, Inc. They also partner with various specialty insurance providers to offer coverage for items such as watercraft, ATVs, recreational vehicles and motorcycles. Ameriprise Auto & Home Insurance is an affinity marketer, relying almost entirely on strategic partnerships to reach customers. Partners include Costco Wholesale Ford Motor Credit, Progressive Insurance and Ameriprise Financial. As of December 2012, Ameriprise Auto & Home Insurance had more than 700,000 policies in force and generated more than $800 million in net written premium.

**Responsibilities:**

* Worked in close quarters with clients in order to gather the requirements. The requirements were dynamic and needed to be updated frequently.
* Interacted with Business Analyst team for gathering requirements.
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.
* Product development is an Agile (SCRUM) methodology, where progress and task assignment is discussed in everyday meetings.
* This project is about to generate premium amount for the Auto and Home insurance policies.
* This project developed in WCF technologies.
* Designing WPF Forms, Custom Controls and User Controls using XAML language for interactive UI.
* Developed good user interfacing applications using WPF.
* When any client hit the rate engine. This rate engine will calculates the premium based on state business logic and returns the policy premium. While calculating premium system also checks the client credit score.
* Set up Azure Active Directory and sync services with on-premise active directory.
* Every state has different business logic as per the state rules.
* microservices architecture is emerging as an important approach for distributed mission-critical applications. In a microservice-based architecture, the application is built on a collection of services that can be developed, tested, deployed, and versioned independently.
* Involved in Web Application using MVC3/MVC4, WEB API.
* ASP.NET Core 2.x apps targeting .NET Core only require a single NuGet package. The benefits of a smaller app surface area include tighter security, reduced servicing, and improved performance.
* Project full migration to NET Core.
* DevExpress is a company that builds software development tools based on Visual Studio, they have created extensions (plugins) that are used inside Visual Studio to create your applications faster. They have created number of different tools.
* RESTful (Representational State Transfer) web services use HTTP verbs to map CRUD operations to HTTP methods. RESTful web services expose either a collection resource (representational of a list) or an element resource (representational of a single item in the list).

**Environment:H/w:**Dell Latitude**O/s:**Windows 7 **S/w:**VisualStudio2013, C#, WCF, Oracle,.NET Core ,DevExpress,Windows Azure,UML,Winforms,MVC4.0, WebServices, WCAG,WWF, VBA,RESTfull Web Services,LINQ, AngularJs, HTML5, CSS,WEBAPI**Micro service Architecture**

**W.W.Grainger, Lake forest, IL Aug 2014 – Sep 2015**

**Sr.NetDeveloper**

W. W. Grainger, Inc. is a [Fortune 500](https://en.wikipedia.org/wiki/Fortune_500) [industrial supply](https://en.wikipedia.org/wiki/Supply_chain) company founded in 1927 in [Chicago](https://en.wikipedia.org/wiki/Chicago). Grainger's catalog includes such offerings as motors, lighting, material handling, fasteners, plumbing, tools, and safety supplies. Revenue is generally from business sales rather than [retail](https://en.wikipedia.org/wiki/Retail) sales.

**Responsibilities:**

* Worked in close quarters with clients in order to gather the requirements. The requirements were dynamic and needed to be updated frequently.
* Interacted with Business Analyst team for gathering requirements.
* All modules were developed in 3-tier architecture containing the presentation layer, business logic layer and application layer.
* Developed View-Models in order to restrict the controllers to control the dataflow between the model and view.
* Used MVC (model-view-controller) architecture based development for creating Views and Partial Views – UI and middle tier for various modules.
* Implemented knockoutJS for data binding and dynamic JavaScript UI.
* Implemented Bootstrap for responsive UI design, so that application can be used from various browsers with devices like computer, tablets, mobiles.
* Implemented OData on ASP.NET WebAPI for convenient querying and changing data.
* Developed good user interfacing applications using WPF.
* Used Validation Controls.
* Used WCF for creating services for the application.
* HTML5, WCF, and LINQ for querying different datasets.
* Used LINQ and ADO.NET Entity Framework 5.0 for Database interaction.
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases. Designed the database structure for storing users’ personal information
* Product development is an Agile (SCRUM) methodology, where progress and task assignment is discussed in everyday meetings.
* Developed applications in Test driven environment using Unit testing
* Actively participated in project schedule, code reviews and deliveries.
* Deployed the application and components on the test and production servers.
* Used TFS for the purpose of project tracking and Source Control.

**Environment:H/w:**Dell Latitude**O/s:**Windows 7

**S/w:**VisualStudio2012, ASP.NET4.0,ClassicASP, C#,PowerShell ,MVC4.0, WebServices, WCF, WWF,VBA,LINQ, HTML5,CSS,IIS, Pl/SQl, SQLServer2008R2, AngularJS, Oauth2,Bootstrap, SSIS, UML,SSRS, SQL Server Management Studio 2012; EntityFramework 5.0/6.0;AJAX,TPL, knockoutJS, ADO.NET Framework, TFS.

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**State Farm Insurance, Bloomington, IL May 2013 to Aug 2014**

**Sr.Net Developer**

The Client is a leading US insurer, one of the 20 largest corporations on the Fortune 500. It includes 79,200 employees and more than 16,700 agents servicing 71.6 million policies mainly Auto, Fire and Life and health in all 50 states of US and 3 Provinces of Canada.

It is completely online insurance based system. By logging into this system users can access their insurance account and do the upgrade/pay the premium to renewal the account. They can also add/update and delete the user profile data. This application totally built on .net technologies.

**Responsibilities:**

* Built N-tier architecture for presentation layer, the Business and Data Access Layers and were coded using C#.
* Worked intensely on the User Interface and Business logic.
* Developed Web Forms using ASP.NET MVC 4.0 Razor syntax, C#, JavaScript, CSS.
* Worked with JQuery, HTML5, WCF, and LINQ for querying different datasets.
* Designed custom master pages and custom page layouts. Used sessions for security and proper navigation.
* Developed Web Service to share application features and Prototype of SQL Server Reporting Services.
* Involved in Coding and Reviews and worked on agile methodology.
* Responsible for delivering quality product and maintaining track of Requirements.
* Assisting DBAs in SQL Queries and its performance tuning.
* Communication with End Users/Customer and writing Minutes of Meeting
* Involved in Defect Prevention Activity. Responsible for Coordination with Offshore team.Knowledge sharing within and outside the team.

**Environment:H/w:**Dell Latitude**O/s:**Windows 7 **S/w:**IIS 7.5, IIS 6.0, Entity framework 6.0, Oauth2,ADO.NET,ClassicAsp, ASP.NET MVC 4.0, Razor, XML, MVVM,VBA, AJAX, CSS, WPF, Silverlight 4.0, JavaScript, HTML5,AngularJS,SOA,SSIS,SSRS,SQL Server 2008, DB2.

**PricewaterhouseCoopers, Washington, DC Sept 2012 – May 2013**

**Sr.Net Developer**

RPM+ is a web application that provides common approach to preparing tax returns usingthefirm's standardized process called Return Process Methodology. RPM Framework hosts 9applications which are used by PwC users to prepare Tax file on behalf of their clients like Individuals, Partnership and Corporate.

**Responsibilities:**

* Interacting with client for requirements, discussing the feasibility of requirements, designing the layout of web pages, architecture and participating in the development.
* Designed the application with extensive use of Object Oriented programming techniques such as Inheritance, Abstraction, Encapsulation and Polymorphism.
* Involved in developing the Data Access Layer, Business components and Business Layer in C#.NET, where all the Business Objects are written in developing the whole Application.
* Developed the Web Application in ASP.Net 3.5 using Master Page, Themes & skins to maintain the consistent look and feel throughout the application.
* Worked on ASP.NET state Management, Caching features, configuring ASP.NET optimizations, securing ASP.NET web application.
* Used various ASP .NET server controls and data controls. Customized .Net Login Controls to implementAuthentication and authorization.
* Developed .NET based multithreaded application using WPF, Win Forms to replace the existing UI.
* To provide structure for the journey of building an application: from designing the UI, through writing the business logic, to testing.
* Performed Unit Testing on the modules according to the requirements and development stand.
* Worked on Microsoft Team Foundation Server for version control, individual task status and Database server project.
* Developed C# plug-ins for several Microsoft Dynamics CRM 2011 solutions (including CRM as web services).
* Customized Microsoft Dynamics CRM 2011 organizations at the form, entity, relationship, reports, workflow, dialogs, and business unit/user role permission level.

**Environment:** Dell Latitude**O/s:**Windows 7**S/w:**.Net Framework 3.5/3.0,C#.Net 3.0,ASP.Net3.5/3.0, JQuery, XML Web Services, IIS 7.0, Enterprise Application Blocks,MVC ,AngularJs,Scrum, SOAP, SOA, WPF, MSMQ,LINQ, XAML, XML/ XPath, SSRS,TPL, VBA,SSIS,Dynamic CRM,SQL Server 2008,Team Foundation Server.

**Advanced Health Media, Chesapeake, VA Aug 2011 - Sept 2012**

**Splendid CRM edge, splendid encompasses.**

**Sr.Net Developer**

**Splendid CRM** system helps the Users primarily to manage data & track record of various KOL’s with respect to large scale of operations handled. It was divided in three modules: Customer Management, Performance Management and Access Management. All three modules were available as Online and Offline version.

**Responsibilities:**

* Involved in Requirement analysis, Technical design, Database design, and development of the application.
* Designed and developed the user interface in C#, ASP.NET
* Designed ASPX pages to display data graphically in tables and pie diagrams.
* Used Master page and CSS for achieving uniformity among all the ASPX Pages.
* Developed and used ADO.NET objects for handling database activities.
* Used JavaScript and HTML controls for Client Side validations.
* Worked on web services to consume to feed the data and provided security.
* Designed and modified database tables and wrote complex T-SQL queries, stored procedures, functions, Triggers in SQL 2005.

**Environment: H/w:**Dell Latitude**O/s:**Windows 7**S/w:** Visual Studio.NET 2008, ASP.NET, C#.NET, Oracle10g,ADO.NET,StoredProcedures,Wireshark,TSQL,VBA

**HDFC Bank, India Jan 2011 - June 2011**

**Retail Banking**

**.Net Developer**

This Banking product designed to suit the HDFC bank. It provides complete, comprehensive, integrated solution to HDFC Bank. The Integration of all modules like deposits, loans, clearing, general ledger, DD/Bills, signature/Photo verification, head office solution. Provision for backdated reports, Batch concept for general ledger transfers entry.

**Responsibilities:**

* Involved in all phases of SDLC.
* As a team member, developed the components using VB.NET.
* Responsible for creating Web Forms using several ASP.NET server controls.
* Created User controls and Custom Controls like Calendar Control, Login Control, and Error Control, Header Control and Footer control.
* Developed the data binding and Data Access with ADO with SQL Server using VB.Net.
* Developed several stored procedures in SQL Server 2005 and optimized Queries.
* Configuration management of code done using VSS.
* Developed C# plug-ins for several Microsoft Dynamics CRM 2011 solutions (including CRM as web services).
* Customized Microsoft Dynamics CRM 2011 organizations at the form, entity, relationship, reports, workflow, dialogs, and business unit/user role permission level.

**Environment: H/w:**Dell Latitude**O/s:**Windows XP **S/w:** .Net Framework 3.0, HTML, ASP.NET, WinForms VB.NET, Oracle 9i, VSS

**Navayuga InfoTech, Hyderabad India May 2009 – Jan 2011**

**Financial System for Publishing Companies**

**Jr.Net Programmer**

SOFIA is a financial system for Publishers, which control all the financial aspects of wholesale and retail publishing. The system is able to manage wholesale (to Reselling) and direct sales (to individuals). SOFIA is a typical system that includes modules such as Inventory control, Shipments, Sales, Account Receivables, Account Payables and General Ledger. The System is a Web Application developed on ASP.NET Technology and included building a Windows based front-end interface for managing the system and database.

**Responsibilities:**

* Involved in Design, Development and Testing of Windows Forms, Web Forms and Web Services using IIS, ASP.NET, XML Dataset and .NET Framework.
* Design and developed components using C#.NET.
* Created Role Based security levels for Windows Forms Authorization.
* Implemented server caching techniques, state management, windows and Forms Authentication in ASP.NET.
* Involved in customizing the Windows Forms Data grid.
* Developed custom controls for Windows Forms and generating reports.
* Involved in the development of SOAP based XML Web Services like Financial account management and Purchase Orders which forms the business logic components of the system.
* Prepared Test cases provided technical documentation. Used the N-Unit for unit testing of the classes.

**Environment: H/w:**Dell Latitude**O/s:**Windows XP**S/w:** ASP.NET, C#, IIS 5.0, ADO.NET, Visual Studio.NET and XML, XML Web Services, XSL/XSLT, SOAP, JavaScript, SQL Server 2005, Windows 2000.