 **Kalyan Chakravarthy **

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**SUMMARY**

* **9+ years of experience in the design, development and implementation phases of Software Development Life Cycle (SDLC)** especially in **Analysis, Design, Development, Testing and Deploying** of applications and implementing n-tier Client/Server applications using Object Oriented design methodologies using **Microsoft .NET Technologies**
* Experience in **Microsoft.Net** Technology using **Visual Studio 2008, 2012** and MSSQL Server 2005,2008
* Possess strong understanding of **Object-Oriented Programming/Analysis/Design** and **Development**
* Extensive development experience in **ASP.NET, MVC, C#, VB.NET, JavaScript, Query XML, HTML, CSS, AJAX, ADO.NET, Entity Framework,WPF, Windows Azure.**
* Experience on **WCF, LINQ, MVC,Jquery**
* Good experience in developing applications using Service Oriented (**SOA**) and **N-tier Architecture**
* Experience in using Language-Integrated Query (**LINQ to Objects, LINQ to XML**, and **LINQ to SQL**) and retrieve data from different data sources
* Extensive experience in developing and consuming **XML Web Services** using **WCF, REST based Services, WEB API, AJAX, WSDL, UDDI and SOAP.**
* Excellent scripting experience in developing databases using **SQL** statements/stored procedures/triggers, Views, Functions, Packages and in using tools such as **SQL Developer, TOAD and My SQL Workbench**.
* Experience in **Sqlserver Tools** like **SqlProfiler,DatabaseTuningAdvisor**
* Experience in Analysis, Design, Development, Integration, Implementation, Support and Debugging of Software Applications
* Good Skills **in Designing, Coding, Debugging and Testing**.
* **Trained on Big data Hadoop (HDFS, Map Reduce, Pig, Hive, and Mongo DB) and Reporting tool like Tableau**.
* Strong in Tracing and as well as Bug solving.
* An effective communicator with excellent relationship management skills with strong analytical, problem solving & organizational abilities.

**CERTIFICATION:**

* Certified in**ITIL v3 2011 Foundation Certificate**.
* **MCTS** –
  1. Microsoft .NET Framework 4.0, Web Applications Development (**70-515**)
  2. Windows Communication Foundation Development with Microsoft .NET Framework 4.0(**70-513**)

**HONORS & ACHIEVEMENTS**

* Won “**Best Employee of the Year**” award from **Accenture Services** for AFMS Project successful contribution in Developing Application and resolvingP1 Critical customer issues.
* Received Client appreciation letter from Presto Project (Canada) for my successful performance on Deployment of **Release 3.0**project in Accenture Services.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Core Competencies** | Visual Studio 2013/2012/2010/2008/2005/2003, .Net Framework 4.5/4.0/3.5/3.0/2.0/1.1, ASP.NET, ADO.NET, Enterprise library 4/5.0, Entity Framework 4, MVC5, Web Forms, Win Forms, Windows Services, Web Services, WCF, WPF, WF, LINQ, Silver light |
| **Languages** | C#, VB.NET, T-SQL, PL SQL,Asp.net |
| **Markup Languages** | HTML5, CSS3, XML, XSL |
| **Scripting Languages** | JQuery, Java Script, AJAX, Angularjs |
| **Cloud Services** | Windows Azure |
| **XML Technologies** | XML, XSL (XSLT, XPATH), SOAP and Web services |
| **RDBMS** | MS SQL Server 2012/2008/2005/2000, Oracle 10g, MySQL |
| **Database Tools** | SQL Server Management Studio, TOAD, MYSQL Workbench |
| **Version Control** | Team Foundation Server (TFS), Visual Source safe (VSS) |
| **Issue/Bug Tracking Tools:** | Visual Studio Team System, Bug Zilla, Microsoft Test Manager |
| **Testing Tools** | Mercury Quality Center, Test Director, MS Visual Studio Unit Testing Framework, Nunit |
| **Build Management & Deployment:** | Visual Studio Team Foundation Server(VSTS), Visual Source Safe(VSS),XCopy, MSBuild, WIX Installer, Web Setup Projects, Setup Projects, Click-Once Deployment, Publish Files |
| **Reporting Services** | Tableau,SQL Server Reporting Services (SSRS), Crystal Reports |
| **Analysis/ Design** | UML, MS Visio, Expression Blend, Application Design Patters (MVC Architecture, MVVM, MVP), Application Block and Enterprise Library |
| **Third Party** | Chart FX, Telerik, DevExpress,Okta controls |
| **Operating Systems** | Windows 8, Windows 7, Windows 2008/2003/2000/NT/XP. |
| **Management Systems** | Property Management system - Real Estate, Hospital Management System, Document Management System, Contact Relationship Management System and Incident Management System |
| **Exposure** | BizTalk, SharePoint 2007 & 2010, Dynamic CRM, Hadoop, Dynamic AX, WebMethod |

**PROJECT EXPERIENCE**

**American Express, Phoenix, AZ Jan 2015– Oct 2015**

*Senior Analyst /Technical Lead–IAMAS*

* **Identity Access Management system** IAMAS system provisions and deprovisions user accounts to SaaS applications, based on user identity information from its own identity store. The integration with SaaS applications can be standards based (such as SPML) or by leveraging a specific SaaS application provider’s user account management API
* **Lead** a **team** of 5 people preparing work breakdown, creating tasks, task progress reporting, interaction and collaborating onsite and offshore teams, Project Compliance Index.
* Involved in the design of Web Development standard Project Framework for the Web interface.
* Played E2E architect role for Retain initiative which is one of the few major initiatives completely done from onsite.
* Involved in analysis of the system requirements, followed by high-level design and detailed specification.
* Involved in iteration and capacity planning and intensely involved in requirement gathering from the business users and analyzing, determining the ways to address wide range of complex scenarios.
* Developing and implementing Business Logic
* Involved in Designing of WCF based Service, Data, Fault and Message Contracts.
* Created an AngularJS add on lib that allows component developers to define and bind to W3C Custom Elements (Web Components) from within Angular.
* Developed SPA apps using AngularJS
* Used JavaScript libraries like angular.js and CSS libraries like Bootstrap.
* Created custom controls in WPF by customizing default context menus
* Extensively worked with team members to discuss and mentoring fresher’s.
* Created bug reports to monitor resolution status along with Unit testing and Bug fixing
* Used TFS for versioning, Involved in Code merges from Development - Integration – Staging to Production.

Programming Tools & Technologies: windows 8, Visual Studio Team System 2013/2010, **.NET 4.0**, **ASP.NET MVC 4**, **C#**, **SQL Server 2012/2008**,**T-SQL**,XAML,WIX Installer, Web Setup Projects, **WCF**, angular js, jQuery, java script, XML, **HTML 5, CSS 3, HTTP Watcher**, **Fiddler**, MVC Design Patterns, Microsoft Test Manager,TFS

**Accenture, Austin, TX Nov 2013–Dec 2014**

*Senior Analyst/Technical Lead* – Technology Group

**Union Pearson Express** is a key component of The Big Move – Metrolinx’s strategy for a modern, efficient and integrated transportation system in the GTHA area. Presto R3.0 expands the scope of PRESTO fare system by focusing on the following objectives: Providing an elevated customer travel experience to and from downtown Toronto and the Pearson International Airport via Union Pearson Express (UPE or UP Express)Act as a Deployment Specialist in Presto solution Deployment team,

Below are some key responsibilities.

* Responsible for modifying the existing build, localization and deployment automation scripts to accommodate Presto 3.0 requirements.
* **Lead** a **team** of 10 people preparing work breakdown, creating tasks, task progress reporting, interaction and collaborating onsite and offshore teams.
* Responsible to validate and deploy delivery package format for full or Hotfix deployment which involves SQL,SSIS,SSAS,SSRS,MDM,Dynamics AX, MOSS, FIM ,Active Batch and .NET in production and Nonproduction environments.
* Administration role for the technologies like SQL,SSIS,SSAS,SSRS,Dynamics AX, FIM,ActiveBatch, and .NET
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Deployment of Operating System and application specific security updates in all the environments by scripting the tasks.
* Coordinate with DEV team to get the delivery package in correct format, advice DEV team to recreate the package if package format is incorrect and accountable for on time deployment without missing the SLA.
* Responsible to identify the down time for deployment in production and Nonproduction environments and inform the stakeholder accordingly.
* Troubleshoot and resolve issues related to Build, localization and deployment in production.

Programming Tools & Technologies: Visual Studio.NET 2012, Net Framework 4.0, ASP.NET, MVC 4 , LINQ, Entity Framework, C#, SQL Server 2008, HTML5, CSS3, JavaScript, JQuery, Angular js, AJAX, WCF, ChartFx, SSRS, SSIS, TFS.

**Accenture, WAMATA Sep 2012–Oct 2013**

*Senior Analyst/Technical Lead* – Technology Group

* **WAMATA** To design, develop and implement a seamless regional transit fare card system. The PRESTO card, which is the size of a debit card, will use stored-value in the form of a common electronic purse (e-Purse) for all fare payment transactions.
* Involved in the Software Development process, established the goals of the application, data collection and analyzing the data as well as business flow.
* **Lead** a **team** of 6 people preparing work breakdown, creating tasks, task progress reporting, interaction and collaborating offshore teams.
* Analyzing, Determining Business and Systems Requirements to address a wide range of complex business scenarios.
* Designed and developed .NET web applications using [ASP.NET](http://asp.net/) and C#.NET by using MVC model.
* Creating user interface using [ASP.NET](http://asp.net/), CSS3, HTML5, JavaScript and AJAX.
* Developed SPA apps using AngularJS
* Used JavaScript libraries like JQuery UI and CCS libraries like Bootstrap.
* Used validation controls and data-grid controls extensively.
* Developed WCF Services to expose useful functionality to web users.
* Involved in Database design and writing complex queries using Joins, LINQ to entities, CTEs, and Dynamic SQL.
* Extensively used XML, XSL and XSLT to insert/modify the data in the database to maintain data integrity.
* Developed several reports for various functional requirements using ChartFx, dotnet chart control and SSRS.
* Involved in writing Custom Exception Handlers by inheriting the Exception class to handle specific exceptions and display relevant messages to the end users.
* Involved in technical documentation
* Worked with the QA team constantly to discuss and fix bugs.
* Used TFS for versioning, Involved in Code merges from development to Stage and Stage to Production.

Programming Tools & Technologies:Visual Studio.NET 2012, Net Framework 4.0, ASP.NET, MVC 4 , LINQ, Entity Framework, C#, SQL Server 2008, HTML5, CSS3, JavaScript, JQuery, Angular js, AJAX, WCF, ChartFx, SSRS, SSIS, TFS.

**Accenture, PrestoOperation,India Jan 2011 – Aug 2012**

*Senior Software Developer*

* **Executive Reports** is a tool developed for the executives in UPS. Data is fetched from cubes using Microsoft OLAP services and rendered using Dot Net Chart control. Other functionalities include exporting the data to PDF, Excel and text formats.
* Designed 3-Tier system having Business Logic Layer(C#), Presentation Layer and Database Layer (Database Connection and Security Settings).
* Involved in designing and developing the GUI for the user interface with various controls.
* Experienced in developing and consuming Web Services and n-tier web applications using ASP.NET, C# and ADO.NET.
* Participated in full development life-cycle using Object Oriented Programming concepts.
* Provided Custom Based Security for Login and Authentication.
* Implemented various User Controls and Custom Controls in front-end forms.
* Implemented Validation controls to perform both client side and server side validation.
* Presented graphical analysis using .NET Chart Control.
* Designed and developed and e-mail notification system along with exporting the data into pdf, text and excel format
* Performing Manual/Automated deployments for different technologies including .Net, SSRS, SSAS and BizTalk in environments.
* Developed WCF Web Services that implement the Service-Oriented Architecture (SOA).
* Communication between Data Access Layer and SQL Server was established by ADO.NET.
* Involved in Designing of WCF based Service, Data, Fault and Message Contracts.
* Designed and developed Triggers, Functions and stored procedures for SQL Server 2008 database.
* Wrote MDX Queries to query the OLAP server.
* Migrated legacy database and spreadsheets (Excel) to SQL Server 2008 using Data Transformation Services (SSIS) and T-SQL scripts.
* Coded stored procedures, triggers and functions for Eligibility business logic in RDBMS like SQL Server 2008 that is used by Data Access Layer.

Programming Tools & Technologies: Windows Server 2003, VS.NET 2010/2008, **ASP.NET**, .NET 2.0/3.0/3.5, **C#**,**HTML,CSS,JAVASCRIPT**, XML, **AJAX Control Tool kit , ChartFX Controls**, JQuery, LINQ, JSON, SQL SERVER 2008/R2,SSRS, SSAS, log4net, TFS

**Rofous Software Ltd, India Jun 2010– Dec 2010**

*Senior Software Engineer – Software services Division*

Agricultural Produce Market Committee is a marketing board established the state government, in order to facilitate farmers to sell their produce and get reasonable price constituted APMC in many towns. Most of the APMC have market yard where traders and other marketing agents are provided go downs and shops for purchase of agriculture produce from farmers. Farmers can sell their produce to agents or traders under supervision of APMC

* Used **Telerik's ASP.NET AJAX Controls** like Chart Control to display data on Dashboard for data visualization and data analysis.
* Designed and Implemented Sales Automation V1.5 web application which captures information from multiple source systems and exposes it to business drivers via web pages that deliver a holistic user experience for better Data Analysis. Developed this application using **ASP.NET, C#, SQL Server, JavaScript, MDX, HTML, XML, AJAX, ADOMD.NET.**
* Shipped better Click Once Deployment for Sales automation V1.5 using **Wix** installer.
* **Trained** offshore team of 25 people on Microsoft Advertising Sales Dashboard (MASD) generic Architecture that enabled other teams to develop five sub-components separately.
* Involved in Design and developing the application.
* Involved in Developing Accounting, Marketing Modules
* Implemented WCF Framework for building service-oriented application
* Design and Developed Asset Management module screens.
* Coolite Tools for developing UI design
* Extensively used Linq for data base connectivity and transactions.
* Export Reports to CSV, Excel and PDF.
* Implemented SQL Server Tools like SQLProfiler, DataBaseTuningAdvisor(DTA)

Programming Tools & Technologies: Visual Studio .NET 2008, C#, ASP.NET, ADO.NET, MS SQL, T-Sql, Server 2005/2000,Coolite, Oracle, JavaScript,Ajax tool kit, CSS, XML, HTML, XSL, Web Services, Microsoft Visual Source Safe 6.0

**WingsInfonet, India Aug 2006 – May2010**

Software Engineer– Technology Group

* Involved in the design and development of Wings e-Biz is designed for businessman who desires to go beyond book-keeping and wants more from his system to help manage the business better and increase efficiencies by getting companywide reports and analysis automatically. WingsInfonetLtd has a full range of products like Enterprise, Accounting, Trade, Auto, Food and Beverages, Payroll, Retails and Implementation Services that range from project planning and management to first line help desk support
* Designed and developed Work Flow management System user interface UI layer using ASP.NET AJAX pattern (XSLT/CSS and JavaScript).
* Designed and developed Business Layer using .NET Web Services, ADO.NET, Entity Framework which communicated with DICOM Data and the LANTIS DB
* Created many stored procedures, functions, creation of tables to serve the business requirements in the application.
* Worked on SQL DB design and implementation; back up, restoration and mirroring of the development databases for unit testing and development purposes.
* Created Packages by using SQL Server Integration Services (SSIS).
* Developed C# custom controls such as text event logging and hierarchical grid, user controls etc.
* Designed and generated reports using SQL Reporting services (SSRS).
* Implemented Multi-threading, to fetch data from .NET Web service asynchronously and populate various part of UI.
* Used Data Grids, Data Sets, Data Views and Data Adaptors to extract data from SQL Server 2005
* Designed and implemented XHTML/HTML by using XSLT, XML, XPATH, XSL and XQUERY.
* Developed Unit test tool and Test Driven Development with MS Test (TFS).
* Coordinated the build activities of the application and in deployment of the application
* Involvement in Design and Development of Wings Accounting Product.
* Estimating Project Duration and Dead Lines for Completion of Designing.
* Developed Feature Management Concept it is a Key role for this Project

Programming Tools & Technologies: Windows XP/2003, Framework 3.0, Asp.net, C#, JavaScript, MS SQL, Oracle 9i,T-SQL, PL-SQL, Toad,Microsoft Visual SourceSafe 6.0

**EDUCATION**

* **Qualification:​**Bachelor of Technology
* **Specialization: ​**Computer Science & Engineering
* **University:​**JNTU, Hyderabad ­ India
* **Year passed:​**2006