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| **THIMMAIAH G MALLEPALLI** | 6308128795  **mgthimmaiah@hotmail.com** |
| **EXPERIENCE SUMMARY**   * Over **Eight Years** of diverse experience in **Software Development Life Cycle** (**SDLC**)involvingAnalysis, Design, Development, Testing, Implementation and Production Support. * Hands on experience in developing **N-Tier** and **Service Oriented Applications** using **C#, VB.NET, ASP.NET, XML Web Services, WCF, Ajax, JavaScript, JQuery, Multi-Threading.** * Strong knowledge on Object Oriented Programming (**OOPS**) principles and Object Oriented Analysis and Design (**OOAD**). Hands of experience in working with **Design** **patterns** like Factory, Abstract Factory, MVC, Singleton and Façade pattern. * Expert in designing and developing web based and windows based applications using as **.NET Framework(1.x/2.0/3.0/3.5), ASP.Net, C#, VB.NET, Web Services, WCF, WPF, LINQ, IIS, SOAP, XML/XSD , XSL, XSLT, .NET REMOTING, HTML, JavaScript, VB Script, Visual Studio.Net 2008/2005/2003, AJAX, ADO.NET, and ASP**. * Experience in developing **GUI** (Graphical User Interfaces) using **C# Win Forms,** **ASP.Net Web Forms** and **ASP.NET MVC 2.0** * Good in-depth understanding and experience in building server applications using **C#, ASP.Net, ADO.Net, XML/XSD, Web Services, HTTP modules and handlers** based on **.Net Framework 3.5 / 3.0 / 2.0.** * Experience in using **ASP.NET AJAX** framework for quickly creating efficient and interactive Web applications that work across all popular browsers. * Experience in working with **Windows** **Communication Foundation** (**WCF**), **Windows Workflow Foundation (WWF) and** **Language Integrated Query** (**LINQ**) in **.Net Framework 3.5.** * Experience in designing and developing Databases in **SQL Server 2008/2005/2000 Oracle 9i&10g** which includes the development of **stored procedures**, **triggers**, **views**, **indexes**, **vertical partitioning**, **horizontal partitioning** and **SQL Jobs** using **T- SQL/PL SQL** * Extensive experience in developing reports using **Crystal Reports, MS Access reports** and **SQL Server Reporting Services (SSRS).** * Expertise in creating **Sequential**, **Class**, **Data Model Diagrams** using **UML** * Experience in creating ETL packages using **SQL Server 2005 Integration Services (SSIS),**configuration Management Tools such as **Subversion(Svn**),**Team Foundation Server (TFS)** and **Visual Source Safe (VSS).** * Have excellent **debug** and **performance tuning skills** and code Review using **FxCop** * Performed **unit testing** with **NUnit**, use of a standard build process using **MSBuild**, and implementation of configuration management.   **EDUCATION**   * Post Graduation Diploma in Computer Applications * Bachelor of Computer Science * Microsoft Certified Technology Specialist in ASP.NET, WCF and Apps Development. | **ROLES**  Sr. Software Developer  Software Developer  **Previous Client/Employer**  Publix Inc, FL USA  Microsoft Corp, WA USA  Deloitte, TN USA  Ebase Interactive, Hyd India  Wise Info Pvt. Ltd, Hyd India  **TECHNOLOGIES**  C#.NET, VB.NET, JavaScript  OOPS, OOAD, Design Patterns  Web Services & WCF, WWF  ASP.NET & ASP.NET MVC 2.0  JQuery, ExtJs  ASP.NET AJAX  SQL Server 2008, SSRS, SSIS  Microsoft Practices  XML/XSD/XSLT  Crystal Reports  VSS, Team Foundation Server  Windows Forms  Infragistics, Telerik Controls  VS 2003, 2005 & 2008  FxCop  Oracle |

**TECHNICAL SKILLS**

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| **Operating Systems** | Windows 2000/NT/XP/Vista/98/95, UNIX, Windows 2003 Server. |
| **.NET Technologies** | .Net Framework 2.0/3.0/3.5,VisualStudio 97/2002/2003/2005/2008, ASP.NET, ASP.NET MVC 2.0, WCF, WWF, WPF, LINQ, ADO.NET, WEB Services, SOAP, Multithreading, Enterprise Library, Microsoft Practices |
| **Web Technologies** | ASP, XML/XSD, HTML, DHTML, XAML, CSS, XSLT, VBScript, JavaScript, JQuery and AJAX. |
| **Programming Languages** | C#.Net, VB.NET, JavaScript, AJAX, VB, VB Script, C, C++, SQL, PL/SQL, XML. |
| **Databases** | MS SQL Server 2000/2005/2008, Oracle 9i/10g |
| **Business Intelligence** | SQL Reporting Services (SSRS), SQL Server Integration Services (SSIS), Crystal Reports. |
| **Version Control** | Team Foundation Server, Visual Source Safe 6.0 |
| **Others** | NUnit Framework, IIS 6.0 & IIS 7.0, UML, MS-Build, Infragistics & Telerik Rad Controls. |

**PROFESSIONAL EXPERIENCE**

**Client: Publix Inc, Lakeland Florida Oct 2010 – Till Date**

**Company: Avankia LLC**

**Role: Sr. Developer**

**Description**: The MCMS (Marketing Customer Management System) is about a club or magazine. This is a type of program used throughout the system to represent a more abstract concept of club or magazine. Materials such as magazines, coupons or newsletters are delivered to program customers as a part of program campaign. Publix Baby Club currently has over 20 campaigns. MCMS is developed with the vision of immediate need to consolidate the multiple databases used to manage Publix’s clubs, magazines and related campaigns.

**Responsibilities:**

* + Working with Business Analyst's and Project managers to drive out requirements and implemented an elegant solution to the task at hand.
  + Implementing all standards and guidelines as specified by the client.
  + Implemented Service bus to decouple UI and business façade.
  + Implementing **Service Oriented Business Components** using Windows Communication Foundation (WCF), which is a logical encapsulation of self contained business functionality.
  + **WCF Business Service Oriented components** are maintained on central repository (Service Box), client applications can search the services deployed on Service Box and use them accordingly.
  + **WCF SOA components** can be used and linked to achieve particular functionality in a plug and play manner.
  + Designed and developed dynamic Web Pages using **VB.NET**, **ASP.Net 3.5, CSS, HTML** and performed client side functionality and/or validations using **JQuery.**
  + Extensively used JQuery plug-in like **Validator.js, InputMask.js, PageDirty.js, popup.js** etc.
  + Developed business objects and Data Transformation objects using **Object Oriented Programming** concepts and **OOAD** Principles
  + Extensively used **Publix’s designed NFX Framework** for data access.
  + Involved in **Data Model Design, writing stored procedures, indexes, views.**
  + Used Microsoft **SQL Server Reporting Services(SSRS)** to **create**, **deploy** and **manage** **reports** for the organization.
  + Used **Team Foundation Server** **(TFS**) for all the source code maintenance needs.

**Environment**: .NET Framework 3.5,Visual Studio 2008, ASP.NET 3.5,VB.NET, ASP.NET AJAX, CSS, IIS 7.0, WCF ,SOAP, SOA, XML/XSLT , Sql Server Reporting Services (SSRS), JavaScript, JQuery, HTML , XHTML ,SQL Server 20085,T-SQL, NUnit

**Client: Microsoft Corporation, Redmond WA May 2010 – Sep 2010**

**Company: Avankia LLC**

**Role: Sr. Developer**

**Description**: Publication center is a web based application that is developed with the vision of streamline process of import campaigns, keywords and advertisement from other search engines. This system provides all the needs to the AdCenter users to perform content management, contract management, review process etc.

**Responsibilities:**

* + Gathering requirements from functional team extensively to design an elegant solution to the task given.
  + Implementing all standards and guidelines as specified by the client.
  + Developed **WCF SOA Component** for communicating and providing real time data from integrated server to the client applications.
  + **Configure TCP Protocol, Transport Level Security** in WCF Services.
  + WCF Service Interface Layer in designed which includes **Service Contracts, Operation Contracts and Fault Contracts** if any exception is expected to thrown outside of the service boundary.
  + Implemented calling context for each WCF Request from client with vision of building response object either expected result and/or error codes.
  + **Repository layer** is designed in such a way **to pass typed data tables to stored procedures** and to **type cast result sets from stored procedure** into **type tables which defined in typed datasets** to avoid multiple hits to SQL Server box and also **to track error codes from stored procedure** if any validation errors expected at stored procedure level.
  + Implemented **Proxy Libraries** for client applications **using SVC Util** and these Proxy libraries will be deployed on to the application box.
  + Implemented **Windows Authentication** in WCF to consume service for intranet in-house client applications.
  + Developed service operation layer and entity layer using **Object Oriented Programming** concepts and **OOAD** Principles
  + Developed **Unit Test Projects** at Repository Library Level**,** Proxy Library Level using NUnit Framework to make sure 75% code coverage.
  + Developed **Unit Test Project using VS 2008 Database edition** to develop **unit test cases for stored procedures**.
  + Developed **Build Verification Tests** for WCF Services to make sure all business scenarios satisfying business rules.
  + Upgrading existing **ASP.NET Code behind** model to **ASP.NET MVC 2**
  + Implementing **controllers** from existing **ASP.NET Code behind** files.
  + Implementing **HTML Helper Extensions** for **ASP.NET MVC 2**
  + Extensively used **JQ uery** and **JQuery Plugins** for client side programming.
  + Extensively used **Customized Microsoft’s validation framework**.
  + Extensively used **Microsoft’s Unity Container framework** for object instantiation.
  + Involved in writing stored procedures, views, triggers and indexes while working with database team at Microsoft.
  + Creating **shelve sets in TFS** and **reviewing shelve sets** developed by other developers and **posting review comments** according to the Microsoft standards **before updating TFS using normal/checkmate check-in process**.
  + Used **Team Foundation Server** **(TFS**) for all the source code maintenance needs.
  + Hands on experience in working with TFS, Crating Shelve sets, running checkmates with MSBuild and check-in process.

**Environment**: .NET Framework 3.5,Visual Studio 2008, ASP.NET 3.5, ASP.NET MVC 2, C#.NET, CSS, IIS 7.0, WCF ,SOAP, SOA, XML/XSLT , JavaScript, JQuery, HTML , XHTML ,SQL Server 20085,T-SQL, NUnit, TFS

**Client: Deloitte, Hermitage TN Aug 2009 – Dec 2009**

**Company: Avankia LLC**

**Role: Sr. Developer**

**EDSC - Datamart**: The Data Mart (ODS – Operational Data Source) is a data repository to store information pertinent to EDSC (Electronic Discovery Solution Center) business process. It will utilize several EDSC applications, e.g. OTIS extraction System, CFExtraction System, ED Processing System, Review & Hosting and Resource Tracking application as the source of information.

**Responsibilities:**

* Gathering requirements from Functional Team extensively to design the workflow and architecture of the system using **UML**.
* Preparing software requirement specification, high level design and technical specification.
* Implementing all standards and guidelines as specified by the client.
* Worked using .**NET 3.5,** **Windows Service, Windows Communication Foundation** with **C#** as a primary language and **SQL Server Business Intelligence Development Studio**.
* Developed **packages** to extract transform and load into the Data Mart from difference data sources using **SQL Server Integration Services (SSIS)**
* Implemented **Windows Task Scheduler** with the vision of grouping multiple task and let them execute on their own threads using Thread Pool mechanism.
* **Triggering SSIS Packages** from Windows Service’s task scheduler with the vision of executing packages at SQL Server Box using Web Service and Stored Procedures.
* Implementing Package Configuration using **XML Configuration file**, **SQL Server** and **Environment variables**.
* Creating **Package Deployment Utility** to deploy packages on Destination Server.
* Implemented **ETL Activity Log** to represent ETL Activity Log at the source system level (extraction system, processing system etc)
* Implemented **Source Activity Log**, an entity to represent ETL Activity Log at source table level (document table, export set table…etc)
* SSIS **Error handling/logging** functionality implemented (source extract log and transformation error log and customer exception logging mechanism) to maintain error log information and error notification and errors will be resolved with separate process.
* Involved in designing Relation Database using SQL Server 2005.
* Involved in developing stored procedures using T-SQL.
* Developed Script Component using VB.NET as primary language during transformation process.

**Environment**: .NET Framework 3.5,Visual Studio 2008, C#.NET, IIS 7.0, WCF ,SOAP, SOA, XML , SSIS, SQL Server 2005,T-SQL, NUnit, TFS

**Client: Deloitte, Hermitage TN Mar 2008 – Mar 2009**

**Company: Avankia LLC**

**Role: Sr. Developer**

**Deloitte Client Acceptance System**: Deloitte Client Acceptance is a web based application that is developed with the vision of streamline process with appropriate coordination among other client acceptance activies like DDAR (Deloitte Radar Application), Conflict Check, Business Intelligence, Independence Team etc and enhanced communication to/from the recommending partners, other client acceptance functions, approvers and risk management. Workflow with notifications and alerts for processes within the system; hand-offs to processes external to the system, Visibility of all DCA activities, Integratoin with Rtrack and DPS, Creation of big PDF files from within the Deloitte Client Acceptance Summary, Uploading of any form of documents from external systems.

Firm policy requires completion of Form GEN201 (aka Deloitte Client Acceptance) prior to the acceptance of an accounting and auditing engagement for a prospective client. Today, it takes as long as several months to complete this form, causing delay in delivering Attest service. In addition, as Deloitte continue to enhance and modify our risk management programs, there is a business need to automate our client acceptance process. Allowing for agility in the workflows and questions will help to reduce risk for client acceptance process more timely and efficiently

**Responsibilities:**

* Gathering requirements from Functional Team extensively to design the workflow and architecture of the system using **UML**.
* Preparing software requirement specification, high level design and technical specification.
* Implementing all standards and guidelines as specified by the client.
* Worked towards designing User Interface elements for its basic functioning using **XAML**.
* Designed and developed **Sequential Workflows**, **StateMachine** **Workflows** and **Custom** **Activities**.
* Implementing communication service (using **External Data Exchange service**) between Workflow and Host.
* Implementing **WorkBatch** transactional services (using **IPending**).
* Configuring **WorkflowRuntime**, **SQLServerWorkflowPersistance**, **Manual Scheduling services**, **Local Service** and **Transactional Services.**
* Implementing **WorkflowManager** utility, which exposes common workflow actions.
* Developing Web Pages using **ASP.NET 2.0** and using **C#.NET** as code behind.
* Used **MS Visual Studio 2008** to design, develop and debug the application.
* Creating Web Controls and involved in **UI Design** and implementing **CSS**.
* Implementing Security using .Net Security features such as **Authentication & Authorization**, **Windows** **authentication, Role based authentication, User Account impersonation**.
* Used **Master Pages** (.master), **User Controls** (.ascx) files for code reuse.
* Handled web services asynchronously to improve the performance of UI with the help of **asynchronous programming model/Network call backs**.
* Design responsive and intuitive user interface for the web using **XHTML/CSS** and both custom **AJAX scripts** as well as **MS AJAX** for ASP.NET library.
* Designed and developed **ASP.NET Custom controls**.
* Designing, building and invoking Data Access and Business Layer components.
* Extensively used **GridView**, **Repeater, Ajax Modal Popup, Accordion Control, Collapsible Extender, Update Panel, Update Progress, Cascading Dropdowns, Auto Complete** controls.
* Implementing **Application Cache** and **User Cache** controls.
* Implementing **Instrumentation/CustomApplicationException** to handle application level, page level and procedure level **exceptions** and recording exception information at database.
* Using **Microsoft Enterprise Library 4.x** to address most frequently used features of **ADO.NET**.

**Environment**: .Net framework 3.0, Visual Studio .Net 2008, ASP.NET 2.0, C#, CSS, Java Script, SQL Server 2005, TSQL, SQL Server Integration Services (SSIS), Crystal Reports, Windows Workflows

**Client: MedTrx, NY Feb 2007 – Feb 2008**

**Company: Ebase Interactive**

**Role: Sr. Developer**

**Nofault NetCMS**: Case Management System is a web based application that is developed with the vision of providing a user-friendly and convenient solution to the Provider Organizations and MedTrx users. NetCMS promotes the most appropriate use of case management by offering responsive, customized solutions. This system automates the process of collecting case information from provider organizations, migrating into Nofault data model, verifying and approving for further process. It provides all tools for provider organization to track case level, encounter level, line item level payment, information request, denial or legal case information. This system automates the process of electronic format case details (like CSV files, XML files) in such a way that to fit into Nofault data model using Claim Feed Template tool, Claim Feed Monitor tool and Claim Feed Processor Services.

**Responsibilities:**

* Requirements understanding from the Business Analyst and preparing low level estimations.
* Implementing all standards and guidelines as specified by the client.
* Developing Web Pages using **ASP.NET 2.0** and using **C#.NET** as code behind.
* Used **MS Visual Studio 2005** to design, develop and debug the application.
* Creating Web Controls and involved in **UI Design** and implementing **CSS**.
* Implementing Security using .Net Security features such as **Authentication & Authorization**, **Form-based authentication, Role based authentication, User Account impersonation**.
* Used **Master Pages** (.master), **User Controls** (.ascx) files for code reuse.
* Extensively used **GridView**, **DataList**, **Repeater** controls.
* Persisting state of the page along with **custom object** during Page Life Cycle using **ViewState.**
* Implemented **Cross Page Post back** at many scenarios and replaced **Query Strings** with **Public** **Properties** to transfer data from one page to another page.
* Made use of **Sessions**, **Navigation controls**, **Binding controls**
* Extensively implemented **Dynamic partial page updates** using **ASP.NET Ajax** **UpdatePanel** especially during GridView events paging, sorting, modifying data to avoid page flickers.
* Widely used **ASP.NET Ajax Extender Controls** like **Calendar control, Modal popup, Numeric Dropdown, PopUp control, Cascading Drop Down control, AutoComplete controls**.
* Extensively used **Network Callbacks** from Client Side script code.
* Used ASP.NET Ajax Extender control **ValidatorCallout** along with JavaScript, .NET Validation Controls for Input validation.
* Involved in implement **Pluggable N-Tier** **Architecture**.
* Involved in Data Model, creating **Triggers**, **Views**, **Indexes**, **Indexed Views**, **Stored Procedures**, **User Defined Functions**, **User Defined Data types**.
* Upgraded existing **DTS** Package to SQL Server 2005 SSIS.
* Developed **Windows Service** to process CSV Files.
* Involved in **Code Reviews** and **Unit Testing**.

**Environment**: .Net framework 2.0, Visual Studio .Net 2005, ASP.NET 2.0, C#, CSS, Java Script, SQL Server 2005, TSQL, DTS, SQL Server Integration Services (SSIS), Crystal Reports

**Client: MedTrx, NY Aug 2005 – Jan 2007**

**Company: Ebase Interactive, Hyderabad**

**Role: Sr. Developer**

**Nofault Underwriter**: Underwriter is **Windows Based** application that is developed with the vision of to increase the possibility of collecting claim cost and give it back to the provider organizations. This system automates the process of generating official documents for the Insurance Companies as well as Worker Compensation Board. This system provides all the needs to the MedTrx users to perform Line Item Advancement, Clawback advance amount for denial line items, generate response reports by appending supporting documents to handle delays (sometimes Insurance companies requests for additional documents), Identifying denial claims, force them into Legal Case if claims is not associated with proper denials, create and distribute Legal Cases to different law firms, generate summons and complaint batch for the newly created legal cases.

**Responsibilities:**

* Shouldering overall responsibilities to understand Client Process and to work efficiently to meet targets and deliver solutions.
* Imparting domain and technical knowledge to the new entrants and also fellow team members.
* Designed user friendly **UI Interface** using **Windows Forms**.
* Used **Infragistics NetAdvantage 2005** Third Party Tools, extensively worked on **UltraGrid.**
* Implemented custom Paging at Windows Grid which behaves closely to GridView.
* Involved in implement **Pluggable N-Tier** **Architecture.**
* Used **Crystal Reports IX** to generate official documents for Insurance companies and export them to PDF Files.
* Used **Dynamic PDF Mergers** to merge Individual PDF Files generated by Crystal reports to generate batch File during batch processing.
* Used **TX TextControl**, a Text Editor to create Custom Documents and then into PDF Format.
* Used **NeodynamicBarcodeProfessionalWinControl** to generate Barcode.
* Used **Rapid Spell Checker** in conjunction with TX TextControl.
* Worked on File I/O operations to merge, copy, delete, read files.
* Creating **Water Marks on PDF** Files using **Acrobat Programming**.
* Widely used Collection, Generics, Delegates, Events.
* Implemented security using **custom authentication** and also implemented **Role Based** security.
* Involved in implement **Pluggable Architecture** and **N-Tier** Architecture.
* Involved in Data Model, creating **Triggers**, **Views**, **Indexes**, **Indexed Views**, **Stored Procedures**, **User Defined Functions**, **User Defined Data types**.
* Implemented **Table variables/Local tables** along with **WHILE** **Loops** toavoid **cursors** for row by row processing wherever possible.
* Involved in creating **SQL Jobs**.
* Involved in **Code Reviews** and **Unit Testing**.
* Involved in R & D while working with third party controls like Neodynamics barcode, Rapid spell checker, TX TextControl, Infragistics Controls.

**Environment**: .Net framework 2.0, Visual Studio .Net 2005, C#.NET, Crystal Reports IX, TSQL, SQL Jobs, TX TextControl, Rapid Spell Checker, Neo Dynamics Barcode Windows Control, Acrobat 7.0, PDF Mergers.

**Client:** [**www.qrconcepts.com**](http://www.qrconcepts.com)**, NY Feb 2005 – Jul 2005**

**Company: Ebase Interactive, Hyderabad**

**Role: Jr. Developer**

**EOB (Explanation of Benefits):** EOB is a Web Based application that is developed with the vision of performs medical bill processing and analysis. Currently bills are processes either in paper or PDF format. Any bills need adjustment are manually marked up with the proper edits, and returned to the customer, Often the bills are edited by the hand. This application provides all the tools to perform automated process allowing for quick, auditable bill processing including professional bill presentment and will generate a report called Letter of Objection, which will be sent to the carrier and provider.

**Responsibilities:**

* Requirements understanding from the Business Analyst and preparing low level estimations.
* Implementing all standards and guidelines as specified by the client.
* Developing Web Pages using **ASP.NET 1.1** and using **C#.NET** as code behind.
* Used **MS Visual Studio 2003** to design, develop and debug the application.
* Creating Web Controls and involved in UI Design and implementing CSS.
* Implementing Security using .Net Security features such as **Authentication & Authorization**, **Custom** **authentication, Role based authentication**.
* **User Controls** (.ascx) files for code reuse.
* Extensively used **DataGrid**, **DataList**, **Repeater** controls.
* Persisting state of the page along with **custom object** during Page Life Cycle using **ViewState.**
* Made use of **Sessions**, **Navigation controls**, **Binding controls**
* Used ASP.NET **Validation controls** and **JavaScript** for client side and server side validations.
* Involved in implementing **business layer and data access layer**.
* Extensively Involved in creating **database tables**, **Views**, **Indexes**, **Stored Procedures**, **User Defined Functions**, **User Defined Data types**.
* Involved in **Code Reviews** and **Unit Testing**.
* Involved in **bug fixing** and **integration** of the module.

**Environment: .**Net framework 1.1, Visual Studio .Net 2003, ASP.NET, VB.NET, HTML, CSS, Java Script and Oracle 10g

**Client: Any City Phone Book, AL Feb 2002 – Dec 2004**

**Company: Wise Info Pvt Ltd, Hyderabad**

**Role: Jr. Developer**

**Huntsville Classified Advertisement:** Huntsville phone book includes modules like Yellow Pages, Industrial Pages, White Pages, Coupons and Classifieds Advertisements. Huntsville Classifieds Advertisement module is a Web Based application that is developed with the vision of extending the Huntsville Phone Book site. This module contains advertisement like Merchandise, Automobiles, Real Estates and Jobs. This module provides all the options to visitors to the site to view classified advertisement by topic, category and searchable criteria. Users of type Customers will able to create a customer profile by providing billing information. Customer will be allowed to submit, review or stop classified ads once get approval from administrator. It also provides all the needs to the user type administrator to verify new customers, review ads and submit the ads on manual basis.

**Responsibilities:**

* Requirements understanding from the Business Analysts.
* Implementing all standards and guidelines as specified by the client.
* Developed **Web Pages** using **ASP** using **VB Script** and **Java Script.**
* Involved in Preparation of Technical & functional design documentations.
* Created **Tables**, **Stored Procedures** and **Views** in SQL
* Improving the performance of the application.

**Environment: Visual InterDev, VB SCRIPT, Java Script, Windows 2000 Server, Microsoft Visio, SQL Server 2000**