**YONAS GEBRUH**

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**Professional Synopsis**

* Senior software developer with **8+ years** of experience in Programming, Relational Databases, developing enterprise level technical solutions for various customer problems.
* Experience in Financial, Telecom, Health Care and medical domains.
* Strong working knowledge of **Object Oriented Programming techniques, Data Design Patterns and S.O.L.I.D principles**.
* Experienced in design, code, test, debug and document software according to the functional requirements
* Experienced in behavior driven development (**BDD**) and Test-Driven Development (**TDD**) approach using **SCRUM** framework under **Agile** Methodology with help of **Microsoft Test Manager (MTM).**
* Involved in various phases of the **Software Development Life Cycle (SDLC)** including Designing, Programming, Testing, Documentation and Maintenance of various **Web Based** and **Windows applications**.
* Good knowledge and experience in **multithreading**, **Task Level Parallelism**, elementary and basic concepts of **C#.NET, VB.NET** Programming languages and **.NET 4.5** features.
* Expertise in analyzing programming constructs in languages like **C++, Java (STRUTS, SPRING), Python**
* Developing and deploying the applications using **HTML, CSS**, **JQuery, AngularJS, Bootstrap and AJAX**
* Hands on Experience on **ASP.NET, MVC3/MVC4(Model-View-Controller)** with **Razor Engine**
* Knowledge in security features of .NET such as **Authorization (Roles and Authorizing Users)** and **Authentication (Forms-based Authentication, Windows-based Authentication)**.
* Worked on Relation Database tools like **Oracle 11g, SQL SERVER 2008/2012, Entity framework, ADO.NET framework**
* Extensive work experience and knowledge of **LINQ (Language Integrated Query).**
* Excellent skills in developing **SQL Queries, PL/SQL stored procedures, T-SQL Queries, Packages, Functions, views, triggers, cursors and schemas** to build business logic.
* Hands on work experience in writing applications on **No SQL** **databases** like **Cassandra** and **Mongo DB**.
* Experience in to create, enhance, and maintain **Web-based ASP.NET applications** linked to **SQL databases**.
* Hands-on experience on **SQL Server Management Studio (SSMS)** for accessing, configuring, managing, administering and developing all components of SQL Server.
* Created upgraded applications with newer technologies such as **.Net 4.0 and Silverlight 4.0/5.0**
* Experience in **WCF (Windows Communication Foundation), WPF (Windows Presentation Foundation), MVVM Patterns, WF (Workflow Foundation)** and **Windows Forms** for designing applications using **Web Services**.
* Knowledgeable on designing, developing **Web Forms** and performing **validations** by using **ASP.NET**.
* Hands-on Experience in using **Window Services, Web Services, XML, XSL, HTTP/HTTPS, JSON.**
* Hands on experience in developing and consuming **SOA Web Services (WSDL)**, **SOAP and RESTful Web services** using **Web API**.
* Knowledge on **SSIS, SSAS, SSRS and Crystal Reports.**
* Experience in continuous integrated build and testing and deployment using **Hudson** and **Jenkin**.
* Expertise in Designing and Developing Enterprise level Web Applications/ Portals based on Microsoft Technologies predominantly using **Microsoft** **SharePoint** Server.
* Around 2 years of experience in **Microsoft Azure** Cloud Computing development
* Experience with multiple version control tools like **VSS, Team Foundation Server(TFS), SVN, GitHub**.
* Experience in using **Jira** for Issue tracking, code review and release management.
* Efficient **in code tracing, Debugging and fixing the issues.**
* Experiencedin **analyze, diagnose and resolving** errors
* **Problem Solving** approach, **Logical thinking**, Commitment to work, Self-starter, detail oriented and **Interpersonal skills**.
* **Effective Communication skills, Fast learner, Enthusiastic to learn modern technologies**, result oriented, work minded, **Team Management** skills.

**Education:**

Bachelors of Science in Management Information Systems from Unity University

**Technical Skill Set**

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| --- | --- |
| **Languages** | C#, VB.NET, C/C++, SQL, PL/SQL, Python, Java. |
| **.Net Technologies** | .NET Framework 3.0/3.5/4.0/4.5, WinForms & Windows Services, ASP.NET MVC3/4, Entity Framework, Enterprise Library, ASP.NET Web Forms, ADO.NET, LINQ, SOAP/RESTful Web services, WCF, WPF, WF, Web API, Common Language Runtime, IIS, HTML5, JSON, SharePoint, Azure |
| **XML Technologies** | XML, DTD, XPATH, XSLT, XSD &WSDL |
| **Database** | MS SQL Server 2012/2008/2005 (Stored procedures, Triggers, DML, DDL, DTS), Oracle9i/10g/11g. |
| **Protocols** | HTTP, TCP/IP, SOAP, FTP, SMTP, HTTPS |
| **Operating Systems** | Windows Server 2003/2008, Windows NT/2000, Windows XP Pro, Windows 7/8, Windows10. |
| **Reporting Tools** | Crystal Reports, SSRS. |
| **Source Code Control Tools** | Team Foundation Server (TFS), Visual SourceSafe, SVN, GitHub. |
| **Scripting Languages** | Java Script, AJAX, JQuery, Bootstrap**,** Knockout.js |
| **Frameworks** | .Net Framework 4.5/4.0/3.5/3.0/2.0 |
| **Web Server** | IIS 6.0/7.0/7.5/8.0 |

**Project Synopsis**

**United Health Group, Phoenix, AZ May 2016 – June 2018**

**Role: Sr.NET Developer**

**Description**

United Health Group is migrating NHP (Neighborhood Health Plan), Amisys based claims management system to RiverVally IT, to Claims processing system. This migration project is a substantial project for United Health Group IT team. Migrating to new system requires generating new reports which will use Crystal Reports, more advanced technology.

**Responsibilities**

* Involved in iterative mode of application phases, execution of modules and process oriented development approach and adhered to the **Agile methodology**.
* Involved in everyday **Team Sprint** Meetings and **Scrum** Meetings.
* Expert in analyzing and **understanding** the **requirements**, converting them into software requirements specifications, meetings with business users and **developing** the **solutions** for technical implementation.
* Evaluating alternative **designs** and **Prototypes** for functional completeness, reliability, security, continuity.
* Hands on Experience in building applications in **.NET Framework** using database objectsand **ASP.Net** web applications.
* Experience in building the layers of Security in **C#. NET** Authenticity of users.
* Built web application user interface using **CSS3, HTML5, JQuery** and **JavaScript**.
* Used **AJAX** to asynchronously load parts of the web application and to send data to the server without loading the entire page.
* Source Code developer of back-end in **C#** using **LINQ** and **Entity Framework** to Entities.
* Worked on **SQL Queries, PL/SQL (Triggers, Stored Procedures, Functions, Views)** andfor database operations on SQL Server Database and maintaining the **Database related code** which contains some complex application related business logic and wrote **T**-**SQL queries** whichare ranging from simple to complex implementations.
* Managed the Application Development efforts in support of the Amisys Claims and Billing system, in addition to Electronic Data Interchange processes.
* Used **Restful Web API services** to implement the functionalities of business for the integration of application and bind data to the components from frontend.
* Worked on .NET framework with the help of **Enterprise Level Architecture**
* Effectively deployed **WCF** services to provide our clients to efficient retrieval of the data from the database.
* Effectively involved in deploying **Web Services** using **SOAP** to communicate with legacy systems for seamless integration of synchronize information.
* Developed required mechanisms for authentication which are necessary for obtaining **RESTful web services** and implementation of security using **SSL** certificates.
* Knowledge of **Session State, View State, Cookies and Query Strings** to keep on transferring the data between web pages.
* Experience on several **Object-Oriented design patterns** and **S.O.L.I.D principles** in business logic such as Adapter, Factory, and Singleton.
* Experience in handling high volume **distributed, messaging** and **transactional systems.**
* Expert on **doing load testing** to measure reliability, performance and site scalability in terms of evaluating CPU utilization, memory utilization & page response time.
* Wrote **integration** **tests** and **unit** **tests** for business logic and made sure maintenance of necessary code coverage
* Set up and managed **IIS server** establishing a life cycle for implementing changes in test, production and development environments.
* Used **SSRS** for reporting and integration of reports and worked on **Extract, Transform and Load (ETL)** data operations from multiple heterogeneous systems to application Database using in-house tools.
* Designed and developed Tabular and Matrix reports with Drill Through, Drill Down, Parameterized, drop down menu option and Sub Reports using **SQL Server Reporting Services (SSRS).**
* Developed data loading packages using **SSIS, SSAS.**
* Modified and customized **Master Page and Content Pages** using **SharePoint** Designer to implement consistent look and feel for corporate SharePoint sites
* Hands on Experience in creating Process Flow Diagram, Technical Design Document, Data Flow Diagram, **UML** **diagrams** (Class Diagram, Use Case Diagrams, Sequence Diagram).
* Implemented Test Driven Development for building the web application using **ORM Frameworks** like **Entity Framework** and **ASP.NET MVC 4.0 pattern** mechanism.
* Used **GitHub** as version control system for the management of source code as well as management of application document and work allocation.

**Environment: .NET Framework 4.5, C#, VB.NET, MVC 5.0, ASP.NET 4.5, Web API, Entity Framework 5.0, ADO.Net, NUnit, Web Services, SOAP, SQL Server 2016, Windows Services, HTML 5, CSS 3, Windows Server 2008, Ajax, CSS, SSRS, JavaScript, JQuery, JSON, XML, XSLT, IIS 7.5, Visual studio 2013, Resharper, Altova XMLSPY, Red Gate Ants Profiler, MS Visio & Team Foundation Server.**

**Earth Link, Rochester, NY Aug 2015 – Apr 2016**

**Role: Sr.NET Developer**

**Description**

Earth Link is an IT services, network and communications provider. Created web applications using Model-View-Controller architecture, Web Forms, Payment modules, Customer Relationship Management modules, Web Services . SQL Server database is used for handling the daily Transactions.

**Responsibilities**

* Developed the project according to the **Software Development Life Cycle (SDLC)** and programming by using fast paced **agile methodology**, involving task completion, user stories, and iterations.
* Designed and developed enhanced and rich web pages using **CSS3, HTML5, JQuery and AngularJS**.
* Used **Bootstrap, knockout** for create rich, responsive display and editor user interfaces
* Made use of Several **.NET AJAX** controls to render the content dynamically on Webpages which are developed using **C#**.
* Made use of **JavaScript/JQuery** to perform client side validations and catch the events on client's browser.
* Extensively used **Asynchronous JavaScript Calls (AJAX)** to do data processing and loading the data from the database without doing the post back.
* Used **C#** as Programming language to develop code behind business logic.
* Implemented sealed, abstract classes, classes and interfaces to construct the business and data tier using **Entity Framework and C#**.
* Hands on experience in using **ADO.NET** objects such as Command Object, Connection Object, Data Adapter Object, Data Reader Object and Dataset Object to access databases.
* Wrote **SQL Scripts for creating relational database tables** with foreign key constraints in **SQL Server 2012** using **T-SQL.**
* Designed and developed various SQL Server **Stored Procedures**, **Built-In Functions, User defined Functions, Views** **and** **Triggers** for all the application’s DML **(Data Manipulation Language)** functionality.
* Designed and developed Graphical user interfaces using **ASP.NET.**
* Developed webpages using **Razor View Engine** and **MVC**.
* Work experience in document-oriented database **MongoDB**
* Worked with **Web Services, State Management**, caching features, securing the **web application** and configuring optimizations**.**
* Developed **windows services in C#** for the automation of business processes and email the log reports to the administrator.
* Experience on **Web Forms** to achieve some functionality locally.
* Used **WCF** services for communicating with other components and applications
* Used Secured features of .NET such as **Authentication & Authorization**, Authorizing Users, Forms-based Authentication, User Account Impersonation, Roles and tracing.
* Implemented the tasks which include developing **user controls**, writing **functions** in **JavaScript,** Creating **CSS (Cascading Style Sheets).**
* Developed using n-tier architecture Presentation layer, Business logic layer (mid-tier) and DAL (Data access layer).
* Used **SMTP** server for mail system.
* worked on **SharePoint** to make file storage and document collaboration easier
* Strong knowledge on **unit testing**, **static analysis**, and **FMEA** (**Failure Mode Effects Analysis**)
* Used **Crystal Reports** for Implementation of Reports.
* Attended various client meetings with project and team managers to discuss improvements/amendments in the development of the application.
* Experienced in developing web pages using **PHP** to create dynamic content that interacts with databases
* Hands on Experience in **Microsoft WF (Workflow Foundation)**

**Environment: ASP.Net 4.0, JavaScript, AJAX, Windows Services, Entity Frame Work 4.0, MVC 4.0, .NET Frame Work 4.0, Visual Studio 2010, C# 4.0, ADO.Net, IIS 7.0, XML, HTML, HTTP Handlers, CSS, WCF, Crystal Reports, Razor view Engine, Web Forms, Agile, n-Tier, JQuery, SQLSERVER2008, SMTP, Windows7, T9FS, T-SQL.**

**Lincoln Financial Group, Fort Wayne, Indiana Feb 2014 – July 2015**

**Role : .Net Developer**

**Project : Broker Dealer Apps**

**Description**

LFG is a Financial Company, Develops software for the Representatives and their Clients. Developed multiple Applications under Broker Dealer Apps . I have been involved in developing Client Maintenance, Send-It, Blotter Reports, and Hub2-SSO Projects. These are the projects which help the representatives to maintain the profile data and information of their clients.

**Responsibilities**

* Involved in the Software Development Life Cycle (**SDLC**) which includes Design, Analysis, Implementation, Testing and Maintenance.
* Efficient knowledge on **Software requirements management, UML**
* Expertise on software configuration management
* Graphical User Interface of modules is developed using **HTML, .NET Controls**and**C#**.
* Created **CSS** for uniform look and feel of the **web pages**
* Used **JavaScript** and **.NET Validation Controls** for performing client-side validations.
* Used **JQuery** because it is a lightweight **JavaScrip**t library that provides interaction between **HTML and Java Script**.
* Created Data Access Layers &Business Logic Layer to implement **the MVC architecture.**
* Used **ADO.NET Framework**, **Data List, Details View, Grid View, Repeaters, Dataset Classes** for data manipulation.
* Used **ADO.NET** to call adhoc queries and invoke stored procedures.
* Created **Functions, Stored Procedures, Triggers** **and Views** in **MS-SQL** database using **T-SQL**for maintaining and regulating the complex data.
* Used the **ADO.NET Sql Client**Objects like Sql Connection, Sql Command, Sql Data Reader and Sql Data Adapter and Dataset object in the Data Access Layer to fetch the data from the **SQL Server.**
* Wrote **Stored Procedures** and **database** **functions** for data extraction.
* Created **LINQ** connections to establish communication for accessing collections of data
* Developed **WCF**service which are consumed by the ASP.NET applications.
* Experience in coding the presentation layer with the help of **WPF using MVVM (Model-View- View Model).**
* Developed **Master pages** for consistent look and feel of the application and embedded header and footers in it.
* Developed **User controls** and **Custom Controls** for reusable part of the **Web Pages** using **C#** with **ASP.NET**.
* Worked with **Silverlight properties** such as **Dependency Property**, **Routed Events and Data Binding** for rich graphical information presentation and to make components interactive.
* Worked on **Error Handling Environment**to display error message in the application.
* Involved in **fixing of bugs** occurred during testing, debugging process.
* Improved the response time and performance of web pages with the help of**AJAX.**
* Experience in using issue tracking products like **Jira**

**Environment: JQuery, Visual studio 2008, .NET Framework 4.0, ASP.NET 4.0, IIS 6.0, MVC 3.0, Web Forms, Windows forms, Entity Framework 3.0, Windows Services, C#, SQL Server 2005, ADO.Net, HTML 5, CSS 3, Windows Server 2005.**

**CDGNYC, NY Nov 2012 -Jan 2014**

**Role: .Net Developer**

**Description**

CDG NYC is a specialized branding and design agency co-located in New York and London. The project is developed under the waterfall software process model. Developed Web Applications using Server Controls, User interface developer to promote their client products

**Responsibilities**

* Followed **waterfall design process model** to build the entire application.
* Used **DHTML, HTML, Java Script, JQuery** for developing Web Pages.
* Implemented Client side validations **using Java Script** and Server side validations ASP.Net **validation controls.**
* Created **CSS** which is used to aimfor a rich personalization of server side controls.
* Worked on database connectivity using **ADO.Net** and **Indexes**, created **stored procedures** and **Triggers** using **MS SQL Server 2008**.
* Used **T-SQL** to examine information of database.
* Worked on **Data Sets** and **Data Adapters** of ADO.Net to update data in the **SQL server database.**
* Developing of screens and interaction between the screens with database.
* Designing, Developing and consuming of **Web Services** to retrieve information from services and database.
* Developed several **Web forms** using **ASP.Net Framework.**
* Used various advanced **Server Controls, HTML Controls** and developed **Custom Controls**.
* Implemented the mechanisms for maintaining the information of Session State throughout the transactions done on web and authentication at form level.
* Using C# programming language implemented **business logic** at the server side**.**
* Configured the web. config file for Session Management and trace.
* Used **WCF** Service to retrieve and send information from client side without post-back.
* Implemented **WPF** in creating custom controls, and Layout controls (Canvas, Stack panel, Grid etc.)
* Worked on generating and exporting **SSRS** reports.
* Used **TFS** for the source & document version control.

**Environment: .Net Framework3.5, VisualStudio2008, ASP.Net3.5, C#, Web Services, ADO.Net, XML, HTML,DHTML, JavaScript, Webforms, WCF, WPF, SQLServer2008, Water Fall Model, T-SQL, CSS, IIS 6.0, SSRS, TFS .**

**M&T Bank, Buffalo, NY Feb 2011 – Oct 2012**

**Role: .Net Developer**

**Description**

M&T Bank is an American commercial bank that was founded in 1856 in western New York state, and is today headquartered in Buffalo at One M&T Plaza. Currently, M&T bank is using CLAS to book the Commercial and Business Banking loans. M&T Bank is replacing the CLAS with new booking application called Credit Path. This project called App 2 Book project. My project is to build Loan Origination System.

Another project is to implement the Microsoft CRM. Currently, M&T is using ERM as a customer relationship tool. This new project is replacing the current ERM system with new Microsoft CRM.

**Responsibilities**

* Involved in all phases of **SDLC (Software Development Life Cycle)**.
* Participated in designing, analyzing and prototyping the initial design.
* Implemented Object Oriented Design (**OOD**) and Object-Oriented Programming (**OOP**) concepts throughout the system.
* Participated in creating different modules of the web site as **User** and**Admin**.
* Implemented Client side validations using **JavaScript**.
* Implemented **ASP.Net** **Web** pages with the help of **AJAX**.
* **AJAX Tab Container** is used to implement tabbed functionality on web forms.
* Used **ADO.NET** Object Model to interact with **SQL server database** with the help of C# concepts.
* Used ADO.NET objects which are to create the data access layer that fetches data from database to User Interface.
* Developed an individual query processing using **LINQ** and created data entry web applications, with **LINQ** to **SQL CRUD** operations.
* Designed and Developed **Web Services** to synchronize data from Remote application database to Online Database using **C#.Net, Visual Studio 2013 ASP.Net**.
* Consumption of Web services remotely using **WCF** Service Model and used within **Silverlight** to implement Data Binding with **Silverlight** controls.
* Implemented Web services using **WCF** for import and export of data.
* With the help of **Crystal Reports**, Integrated various reports into the application.
* Information about the requests which are processed and which are pending.
* Developed **XSL** and **XML** based menus which are compatible with Netscape and Internet Explorer browsers.
* Responsible for **debugging and** **fixing** **bugs.**
* Involved in deploying the applications on the**IIS server.**
* Knowledge on the international standard **IEC 62304** is a standard which specifies life cycle requirements for the development of medical software

**Environment: ASP.NET 3.0, .NET Framework 3.0, Visual studio 2005, IIS 5.0, Windows Forms, ADO.Net, Entity Framework 3.0, Windows Services, C#, Windows Server 2005, SQL Server 2005, JQuery.**

**McKesson Healthcare, NJ May 2010 – Feb 2011**

**Role: .Net Developer**

**Description**

The Project was to upgrade the existing EOB (explanation of benefit) system to provide online EOB support to Medicare Part D members.

**Responsibilities**

* **Requirements** **Analysis** and Design documents preparation
* Knowledge on Object Oriented Programming languages **C++, Java, Python**
* Developedthe applications using **AJAX** controls
* **JQuery and JavaScript** to perform client side validations
* Implemented Business Logic, GUI and Data tier using **.Net 3.0, 2.0, C#, VB.NET.**
* Worked **on ADO.NET data access technology to** provide communication between **relational data base (Oracle 11g)** and application
* Used **SQL Server Management Studio (SSMS)** to access the SQL Server databases
* Design of **n-tier Architecture Application.**
* Developed user controls and custom controls using **ASP.NET 3.0, 2.0**
* Implemented code behind pages, classes and reusable components in **C#.**
* Extensively used the **ASP.Net controls Repeater, Data List, Grid View** for effective interface design.
* Created Database tables and wrote stored Procedures to store and retrieve tables information by using **SQL Server 2005**
* Designed **XML** Web services description by using the **Web Services Description Language(WSDL)** and System Web Services, Description namespace and related classes.
* Developed complex **Master Pages**, **Grid Views** and **Custom Controls** using **ASP.NET**
* Used **crystal reports** for generating reports.
* Microsoft product **Team Foundation Server** (**TFS**) is used as source code management, project management tool.
* Deployed the Web Applications on **IIS (Internet Information Server).**
* End user training on how to use the product.

**Environment: ADO.NET, ASP.NET 3.0, 2.0, C#, n-tier Architecture, SQL, JavaScript, JQuery, HTML, XML, AJAX, Crystal Reports, IIS 5, TFS, SQL Server 2005, SQL Server Management Studio**