

SAMPATH KUMAR BINGI

Summary

- **Around 8 years** of experience in software design, analysis and development using Microsoft Technologies
- Expert in developing windows applications and web applications in Microsoft .Net Platform using **C#, VB.NET, ASP.NET Web Forms, MVC 3/4/5, Web API 2, Windows Azure, AngularJS, WCF and Win forms.**
- Rich Knowledge of Object-Oriented Analysis and Design (**OOAD**), n - Tier Architecture and advance design frameworks like **MVC, TDD.**
- Extensive experience in all phases of Software Development Life Cycle (**Waterfall and Agile (Scrum and Kanban) models**).
- Strong experience in **Data Gathering, Analysis, Planning, Development, Testing, Debugging, Implementation and Support** of web applications.
- Good experience on using modern storage and infrastructure services like **Hadoop, Redis Cache, Microsoft Azure, InRule Engine and New Relic**
- Strong cloud experience in **Microsoft Azure, Azure Programming, Development, Deployment and Administration.**
- Experienced in using **HTML5, JavaScript, jQuery, jQuery UI, Bootstrap, AJAX, CSS, XML and JSON.**
- Strong database development experience primarily using **MSSQL Server 2005, 2008 and 2012.**
- Hands on experience in implementing **Stored Procedures, User Defined Functions, User Defined Types, Cursors, Triggers, Views, Indexes and Constraints.**
- Experience on performance tuning/optimization of the web applications using **Microsoft SSMS and Microsoft SQL Profiler.**
- Hands on experience in Implementing **DevOps CI/CD Pipeline** using **GitHub/SVN, SonarQube and Jenkins**
- Experience on carrying out application testing using **Visual Studio Unit Testing.**
- Good Hands on experience of using various design patterns such as **Singleton, Factory, Repository** in the development of Multi-Tier Enterprise Applications
- Experienced using version control tools like **GitHub, Microsoft Team Foundation Server, Microsoft Visual Source Safe and SVN**
- Good interpersonal skills, **quick learner** and willing team player. Ability to perform at high level to meet deadlines, adaptable to ever changing priorities and environments.
- Domain experience involves **GIS, HealthCare and Education.**

Education

B.Tech (CSE) from Jawaharlal Nehru Technological University, Hyderabad INDIA (2011)

Technical Skills

Programming Languages	C#, VB.Net, T-SQL, JavaScript, C++
. NET Framework Technologies	.Net Framework 2.0/3.0/4.0/4.5, WinForms, ASP.NET ADO.Net, LINQ, Web Services, AJAX, WCF, WEB API, Entity Framework, LINQ to Sql, SSIS, SSAS, SSRS, XML, XSLT, JSON, CSS
Modern Technologies	Microsoft Azure, Hadoop, InRule and Redis Cache
GUI/IDE	Visual Studio 2005, 2008, 2013, 2015 and 2017, SQL Server Management Studio, SQL Profiler
Design, Architecture	MVC, SOA
Operating System	Windows 10/8/7/XP, Linux

Database	MS Access, SQL Server 2005/2008/2012 and Oracle
Version Control	GitHub, Team Foundation Server (TFS), Tortoise SVN, Visual Source Safe
Unit Testing and Code Analysis	Visual Studio Unit Testing, FXCOP
Third Party Tools/Components	AngularJS, Kendo UI, DevExpress, NuGet Package Manager, log4net, Bootstrap, MS Visio, Firebug, IE Web Developer Tool, IIS
Reporting Tools	Izenda Reporting, Crystal Reports and SSRS reports

Professional Experience

Porzio Life Sciences, Morristown, NJ

Sep 2014 – Apr 2019

Project **Global Spend Tracking**

Global Spend Tracking application (GST) for Porzio Life Sciences to track transfers of value (fee for service payments, samples, materials, etc.) from pharmaceutical companies to medical professionals, and report the results to various country regulatory bodies.

GST will be a hosted application which is available for the Pharmaceutical companies as SaaS. The application is targeted to facilitate transparency in the payments that are done by the Pharmaceutical companies to various HCPs (Healthcare Professionals) for their service to promote the company products.

Role **Sr. Developer**

Environment ASP.Net MVC5, Microsoft Azure, C# Net 4.5, Kendo UI, AngularJS, Web API, JavaScript, jQuery, CSS, HTML5, Entity Framework, InRule, LINQ, Azure SQL, Hadoop, HD Insight, Hive, Sqoop and Map Reduce, Azure PowerShell, Azure Data Factory, MS Unit Test, Unity Container, Azure Cloud Services.

Responsibilities

- Designed and developed UI using **Asp.Net MVC5, Razor View Engine, Kendo UI, jQuery, C#.Net, LINQ, AJAX and Entity Framework**
- Used the concept of **MVC** architecture for creating the presentation layer, Service Interface, Entity Layer, Model Layer, Controller Layer, View Layer, and the Database.
- Used **AngularJS** and **Web API** Restful Services to implement search functionality across the application.
- Implemented Audit functionality Using **Microsoft Azure** Table Storage.
- Implemented **Azure search** functionality.
- Coordinating with the UX team, following **HTML** and **CSS** standards.
- System design and implementation of workflow
- Implemented automatic tenant creation using **Microsoft Azure Logic apps** and **Azure Automation runbook**
- Implemented the Data transmission and Data transformation using **Microsoft Azure Data Factory**
- Integrated the **Azure Active directory** and implemented the single sign on feature to the application
- Involved in Creating the roles and restrictions to the users in Microsoft Azure who should have access only to the application
- Designed User Interface with **Razor Views, Partial Views and Layout View**
- Used **MVC Action Filters** for user authentications and authorizations and for caching pages to improve performance.
- Used **Unity IOC framework** for Dependency Injection.
- Implemented **Entity Framework** (Code First Approach) to retrieve and manipulate the data from

the database using **LINQ** queries.

- Involved in integration of third-party Business Rule Engine (**i.e. InRule**).
- Created the Rules in InRule.
- Involved in making this application **multilingual** with help of **Bing API** Translator.
- Implemented currency exchange conversions with help of **Oanda Exchange API**.
- Involved in creating the **Izenda** reports.
- Involved in creation of stored procedures, writing scripts, views, functions and user defined types in **Azure SQL**.
- Developed **reusable partial pages** which can be used across multiple pages
- Involved in developing and organizing Custom Error pages and Exception Handling
- Testing, bug tracking & regression testing after fix is promoted to test environments.
- Involved in implementation of **OWASP (Open Web Application Security Project)** security guidelines.
- Involved in Performance tuning of the application& database using **Glimpse & SQL profiler**.
- Involved in **Build and Release** process
- Implemented **DevOps CI/CD Pipeline** for Scheduled Auto Build and Release process
- Implemented Unit Testing, Integration Testing and System Testing using **MS Unit Test**.
- Assisting in writing and providing technical solutions/approach for the Porzio.
- Report daily status, risks, issues and dependencies to Client.
- Perform **Code review and Code Reworks**
- Facilitates QA and UAT testing

Microsoft Corporation, Washington Jan 2014 – Sep 2014

Project **Microsoft Quoting**

Microsoft Quote is a tool which helps the product dealers and partners to quote on Microsoft product, This also helps the Microsoft team to manage the products across the world with the dealers and their product partners.

Role **Sr. Developer**

Environment C#, ASP.net MVC 4, WCF, LINQ, Entity Framework, JavaScript, jQuery and Sql Server 2012, Azure App Service

Responsibilities

- Assisting in writing and providing technical solutions/approach for the application
- System design and implementing of workflow
- Development of rich user facing an application using **ASP.NET MVC** and **jQuery UI**
- Adding interfaces to the **WCF service** for interacting with **entity framework** to fetch data for the application.
- Used and consumed **SOAP Web Services** for various business requirements in the project
- Responsible for developing, implementing, and consuming data access layers and data objects using **ADO.NET Entity framework**
- Creating **stored procedures, functions, triggers, views** on SQL Server 2008
- Written WCF Services and consumed them in MVC application.
- Report daily status, risks, issues and dependencies to Onsite manager.
- Extensively used User Controls, various Custom Controls, Validation Controls and validating user using ASP.NET MVC and jQuery
- Implemented Unit Testing, Integration Testing and System Testing using **MS Unit Test**
- Deployment and Production Release

Project **Bruhat Bangalore Mahanagara Palika (BBMP)**

BBMP tool is designed to manage the Bangalore govt services like Property Tax, Birth and Death service, Municipal services, Road cuttings and History, Govt water sewerage and pipeline service.

Role **Software Developer**

Environment C#, MVVC Silverlight 5, WCF, LINQ, Entity Framework, Sql Server 2012, ArcGIS Api 2.0 for Silverlight

Responsibilities

- Involved in the **Design, Coding and Implementation** of the application.
- Implemented and consumed **WCF Services** for various business requirements in the project
- Developed new features and enhanced the existing system.
- Used **ArcGIS** controls to develop new features.
- Extensive Client interaction for requirements gathering, system analysis and design.
- Utilized ADO.Net technology extensively for data retrieving, querying, storage.
- Developed SSRS reports
- Implemented SSRS reports downloading in PDF formats
- Wrote functional and technical documentation
- Involved in writing database scripts, stored procedures, triggers, views and functions
- Implemented Unit Testing, Integration Testing and System Testing using **MS Unit Test**
- Deployment and Production Release

OKI Americas, NJ, USA**Oct 2012 – Jan 2014**Project **OKI Business Printing Solutions**

This website is designed to provide the selling and leasing facility of the printer machines through online to OKI dealers

Role **Software Developer**

Environment C#, ASP.NET MVC 4, WCF, LINQ, Entity Framework, Sql Server 2012

Responsibilities

- Involved in the **Design, Coding and Implementation** of the application.
- Implemented and consumed **WCF Services** for various business requirements in the project
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- Involved in writing database scripts, stored procedures, triggers, views and functions
- Implemented Unit Testing, Integration Testing and System Testing using **MS Unit Test**
- Deployment and Production Release

Project NC4 Street Smart

Street smart tool provides the Realtime crime fighting technology solution to the cops
NC4 Street Smart arms officers with critical, real-time crime information while on patrol on our nation's city streets. This state-of-the-art tool enables officers to share relevant, structured and unstructured information through situation-based bulletins and police blogs. The ability to visualize data points on maps and aggregate and share relevant information in real-time, keeps LEOs up-to-speed, informed and protected as they patrol our streets.

Role **Software Developer**

Environment C#, Silverlight 4, SharePoint 2010, LINQ, Entity Framework, Sql Server 2012, WCF Service, ArcGIS Api 2.4

Responsibilities

- Involved in the **Design, Coding and Implementation** of the application
- Implemented and consumed **WCF Services** for various business requirements in the project
- Developed new features and enhanced the existing system.
- Used **ArcGIS** controls and Implemented SharePoint user controls to develop new features
- Extensive Client interaction for requirements gathering, system analysis and design.
- Utilized ADO.Net technology extensively for data retrieving, querying, storage.
- Wrote functional and technical documentation
- Involved in writing database scripts, stored procedures, triggers, views and functions
- Implemented Unit Testing, Integration Testing and System Testing using **MS Unit Test**
- Deployment and Production Release

Project Wisconsin Emergency Management

Emergency management system tool is a GIS map tool, which shows the nearest hospitals from the current location, this tool also helps the ambulance vehicle drivers to find the best route to get the patient to the hospitals

Role **Software Developer**

Environment C#, Silverlight 4, SharePoint 2010, LINQ, Entity Framework, Sql Server 2012, WCF Service, ArcGIS Api 2.4

Responsibilities

- Involved in the **Design, Coding and Implementation** of the application
- Implemented and consumed **WCF Services** for various business requirements in the project
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