**Prabira Kumar Samanta**

**Technical Project Leader, Senior .Net Developer**

**Atlanta, GA**

**Cell: (404) 988-1151**

**Mail To:** [**prabira.samanta@gmail.com**](mailto:prabira.samanta@gmail.com)

**Summary:**

Seasoned **VB, C#/.NET and SQL** developer with **11.5** **years** of experience in design, development, testing of business applications using **ASP.NET 4.0/3.5/2.0/1.x, MVC, C#, VB.Net, ADO.NET, WWF, Web Services, Web forms, Win forms, IIS and SQL Server.**

* Around **10.5** years of experience in software design, development, debugging, deployment, documentation and testing of Client–Server and Web based Applications.
* Experienced in Object Oriented Analysis and Design using UML Methodology.
* Designed, architected, programmed WinForms, Web based Application and Libraries.
* Experienced in web technologies like **HTML, CSS, JavaScript, AJAX, JSON, JQuery, KnockoutJS, AngularJS and Node.JS**.
* Web API development experience in **C# / .NET MVC**.
* Experienced in Web Applications in **VB.Net**, **C#, ASP.NET** using latest technique like **WPF, WCF and WWF**.
* Extensive experience in creating and maintaining **RESTful APIs** in grid as well as cloud.
* Worked with **.NET Framework 2.0, 3.0, 3.5, 4.0 and MVC 5, LINQ and Entity Framework 6**.
* Extensive experience of working in **Test Driven Development (TDD)** environment using **JUnits, DevTest, JMeter, Mockito, MockServer and EclEmma.**
* Highly experienced with **SQL Server 2000, 2005, 2008 R2, 2012 & 2014**, **MySQL**, **DB2, MS-Access** and **Oracle** databases.
* Experience in **Data Modeling, Normalization and building Referential Integrity Constraints**.
* Excellent backend skills in **creating SQL objects** like Tables, Stored Procedures, Views, Indexes, Triggers, Rules, Defaults, user defined data types and functions.
* Experience in creating and executing **DTS and SSIS** packages.
* Very good **T-SQL Programming** skills. Experience in query optimization & performance tuning. Used SQL Profiler, Execution Plan, Performance Monitor and DBCC Commands
* Hand on experience on application report development using **VB6** and **Crystal Reports**.
* Extensive Knowledge in Visual Studio, Visual Studio.NET and **Versioning tools** like **VSS**, **StarTeam**, **RTC, Visual Studio Online, TFS and GitHub**.
* Extensive experience in **OOAD Techniques developing UML Activity Diagrams, Sequence Diagrams and Class Diagrams**.
* Experienced in developing technical documentation in various stages of Software Development Life Cycle (SDLC).
* Worked in advanced agile environments like **SCRUM**, **Pair Programming** and **XP.**
* Around **4** years of experience of working in agile project environment.
* Around **5** years of **on-site** experience as **Technical Project Leader**. Responsibilities include – driving project deployment plan, design, development, code review and execution of deployment.
* Extensive experience as a **Project Lead** in leading development teams, including study and analysis of project requirements through customer interaction, preparation of functional specifications, data modeling, project design, and deployment management and delivery.
* Versatile team player with good communication and written skills, also a self-motivated individual with exemplary analytical and problem solving skills.
* Domain expertise: **Healthcare & Life Sciences, Transportation, Retail**.
* **Masters Degree** in Electronics and Communications.

**Certification**

**•** MCTS: SQL Server 2005

• Domain Certification in Healthcare and Life sciences

**Technical Skills:**

**Operating Systems:** MacOS, Windows NT/2000/XP, Windows 7, UNIX

**Programming Languages:** C, C#, VB.Net, .Net Framework 2.0/3.0/3.5/4 and 4.5, MVC 4/5, WCF, WPF, WWF, VB6

**Web Technologies:** ASP.NET, WinForms, WebForms, ASP, VBScript, JavaScript, HTML, DHTML, CSS, JSON, JQuery, KnockoutJS, AngularJS, IIS 6/7/8, XML, Java, Crystal Reports, LINQ, EF

**RDBMS:** MS Access, SQL Server 2005/2008/2012/2014, Oracle 10G, Sybase, DB2

**Tools:** Rational Rose, StarTeam, RTC, Microsoft Visual SourceSafe, Visual Studio Online, TFS, TOAD, Agile Scrum, Pivotal, GitHub, SVN, Pivotal, Splunk

**Process knowledge:** Software Development Life Cycle Activities, Process Co-Coordinator, QA Co-coordinator, Project resource intake, Project estimation, Agile Scrum environment, Agile pair programming environment, Agile Xtreme Programming environment and other project plans.

**Project Leader Responsibilities:**

Handled the following responsibilities as the Technical Project Lead:

* Create and maintain IT resource plans for the 7 project locations in the US.
* Initiate and drive the IT project deployment plans from initiation level till deployment.
* Design and review of the deployment development
* Coordinate the release management efforts for the application deployments.
* Coordinate for the application issue/defect management with the on-site and off-site teams.
* Presentation of weekly and monthly project scorecards for the client Managers.
* Track and maintain the billing hours for the on-site associates in all the project locations.
* Estimation of project development efforts.

**PROFESSIONAL EXPERIENCE:**

**Project: SVOC**

**Client: The Home Depot, Atlanta, Georgia (Oct15 – till date)**

**Location: Atlanta, GA**

**Role: Senior .Net Developer**

**Description:** The Single View of Customer (SVOC) is a next generation single view of the customer platform which will immensely benefit multiple stakeholders of the client organization, including customers and associates. This application system will act as a single enterprise customer master which will be used by the different branches of the organization. SVOC customer services will enable pre-approved/registered authenticated applications that require customer master data to be stored, retrieved based on pre-publish services that individual applications can call. This application environment handles millions of records on a daily basis.

As the Senior .Net Developer, worked on enhancement and improving of the application response.

**Responsibilities:**

* Primary contributions were for developing the application web services, application enhancement with new features, and improving the application response.
* Involved in design and implementing code for business and Data Service using VB.Net, C#, WCF, Generics, XML, MVC 5.0, WebAPI, JQuery, KnockoutJS and SQL Server 2012.
* Design and develop enterprise level RESTful web APIs to be consumed by multiple customer applications.
* Developed Activity diagram models using WWF
* Implementation of client side validations using JQuery and ASP.NET MVC validation implemented at controller level.
* Worked on authentication module to facilitate unique user identification across multiple applications at enterprise level.
* Worked on Voltage Encryption to encrypt and decrypt PII data in the APIs.
* Worked on TDD environment to create exhaustive test cases for the APIs using DevTest, JMeter, Mockito and MockServer.
* Implemented new application reporting ability using Crystal Reports
* Project effort estimation
* Initiate and drive the application deployment plans till the post-deployment.
* Coordinate the release management efforts.
* Worked on a new-age dashboard tool for use by higher management using AngularJS and NodeJS.
* Used Pivotal Tracker tool for story tracking and maintenance.
* Actively participate in daily stand up meetings as well as weekly sprint planning meetings as part of agile project management.
* Work in an agile environment involving scrum, pair programming and Xtreme Programming.
* Worked on data migration for the application to migrate over 30 million customer data for one of the onboarding applications.
* Design the solution – Designing solutions for the given problems

**Environment:**

**ASP.Net 4.0, MVC, SQL Server 2008, Oracle, VB.Net, C#, WPF, WCF, WWF 4.0, Crystal Reports, Java Script, JQuery, LINQ, Entity Framework, KnockoutJS, AngularJS, JSON, SSIS packages, Visual Source Safe, GitHub, SVN, IIS 7, Agile using Scrum, Pivotal, Splunk**

**Project: TruckDriverScore**

**Client: K2Firm LLC, Atlanta, Georgia (Aug14 –Sep15)**

**Location: Atlanta, GA**

**Role: Lead Developer, Application Architect**

**Description:** TruckDriverScore is a pioneering Industry leader application which will help professional truck drivers establish and maintain their performance record online. It will help the drivers to validate that they are a more reliable, safer and consistently high performer to their employers, future employers as well as to insurance companies. It has also a component specifically for the employers to maintain the records for the drivers they employ.

As the Lead Developer, designed and developed the application from scratch till go-live.

**Responsibilities:**

* Designing and architecting core framework modules for the application.
* Requirement gathering and putting in additional suggestions from a real-world as well as technical perspective to make the application more robust and user friendly.
* Involved in design and implementing code for business and Data Service using C#, WCF, Generics, XML, MVC 5.0, Web API, JQuery, Knockout, AngularJS and SQL Server 2014.
* Developed core functionality using ASP.NET MVC framework, LINQ and Entity Framework 6 in an agile development environment.
* Implementation of client side validations using JQuery and ASP.NET MVC validation implemented at controller level.
* Project effort estimation
* Coordinate the release management efforts.
* Coordinate for the issue/defect management for the applications releases.
* Send the weekly and monthly status reports to the client VP.

**Environment:**

**ASP.Net 4.0, MVC 5.0, SQL Server 2014, C#, WCF, Java Script, JQuery, LINQ, Entity Framework, Telerik UI Controls, KnockoutJS, AngularJS, Web API2, IIS 7/8, Agile using Scrum, Visual Source Safe, Visual Studio Online, TFS**

**Project: Home Infusion**

**Client: Kaiser Permanente, Atlanta, Georgia (May11 – Jul14)**

**Location: Atlanta, GA**

**Role: Lead Developer, Technical Project Lead**

**Description:** Home Infusion is a stand-alone system specifically designed to manage home infusion practices. It provides a well-balanced combination of modern dispensing, clinical and financial features handling prescription for IV infusions, orals, injectable, and supply orders.

As the Technical Project Lead, designed and executed the successful application go-live in 10 States.

**Responsibilities:**

* Primary contributions were for designing and architecting core framework modules for the application.
* Involved in design and implementing code for business and Data Service using VB.Net, C#, WCF, Generics, XML, MVC 3.0, and SQL Server 2008.
* Developed core functionality using ASP.NET MVC framework.
* Developed Activity diagram models using WWF
* Implementation of client side validations using JQuery and ASP.NET MVC validation implemented at controller level.
* Enhancement and new implementation of application reporting using VB6 and Crystal Reports.
* Project effort estimation
* Initiate and drive the application deployment plans till the post-deployment.
* Coordinate the release management efforts.
* Coordinate for the issue/defect management for the applications releases.
* Send the weekly and monthly status reports to the client managers and VP.
* Requirement gathering - Documenting the user requirements.
* Design the solution – Designing solutions for the given problems

**Environment:**

* **ASP.Net 4.0, MVC, SQL Server 2008, Oracle, VB.Net, C#, WPF, WCF, WWF 4.0, VB6, Crystal Reports, Java Script, JQuery, LINQ, Entity Framework, KnockoutJS, AngularJS, JSON, SSIS packages, Visual Source Safe, Star Team, RTC, IIS 7, Agile using Scrum**

**Project: Labor reporting system (Jan 10 – Apr 11)**

**Client: Cummins Inc**

**Location: Kolkata, India**

**Role: Application developer, Deputy Project Lead**

**Description:** LRS (Labor Reporting System) is the system used to generate Cross charges to the different departments for CTC. It also generates the finance reports that are required for the government purpose. The system gets Extract data (from DB Server) each month. This data is used to calculate the Cross charges for the departments.

**Responsibilities:**

* Developed new content (dynamic) and static pages and implemented the functionality.
* Bug fixing, performance tuning and testing.
* Developed Activity diagram models using WWF
* Coordination with Onsite on requirement gathering phase.
* Coordination during design phase with onsite and offshore team.
* Configuration of the Integrated Development Environment used, i.e., Microsoft Visual Source Safe 6.0 for code maintenance and version control.
* Performed unit testing for developed screens.

**Environment:**

* **C# 2.0, VB.Net, ASP.Net 3.5, Java Script, AJAX, JSON, SQL Server 2005, Visual Source Safe, Star Team, WWF, IIS 7**

**Project: MICP CareConnection (July 07 – Dec 09)**

**Client: APS Healthcare Inc, Oklahoma Region**

**Location: Kolkata, India**

**Role: Application Developer, Module Lead and Deputy Project Lead**

**Description:** The project involves development of APS MICP Careconnection – a Web based APS system to adjudicate authorization requests from provider in an automated fashion for the Oklahoma region.

**Responsibilities:**

* Coordination with Onsite on requirement gathering phase.
* Designed and developed the application enhancement requirements using .Net and SQL server technologies.
* Coordination during design phase with onsite and offshore team.
* Developed Activity diagram models using WWF
* Performed unit testing for developed screens.
* As Deputy Project Lead, learnt the nuances of Project Management and created all the project artefacts; was responsible for Project resource intake, project status reports and project billing.

**Environment:**

* **C# 2.0, VB.Net, ASP.Net 3.5, WWF, Java Script, AJAX, SQL Server 2005, Visual Source Safe, IIS6**

**Project: GA CareConnection (Oct 05 – Jun 07)**

**Client: APS Healthcare Inc, GA Region**

**Location: Kolkata, India**

**Role: Application Developer**

**Description:** APS is Georgia’s external review organization in Georgia. The project involves development of APS Careconnection – a Web and EDI based APS system to adjudicate authorization requests from provider in an automated fashion. Provides web interface to the existing report generation.

**Responsibilities:**

* Used VSS 6.0 for application versioning.
* Coordination with Onsite on requirement gathering phase.
* Designed and developed the UI and backend for the complete web application using .Net and SQL Server technologies.
* Coordination during design phase with onsite and offshore team.
* Performed unit testing for developed screens.

**Environment:**

* **C# 2.0, VB.Net, ASP.Net 3.5, Java Script, AJAX, SQL Server 2000/2005, Visual Source Safe**

**Education/ Award:**

• Master of Technology (Electronics & Communication), Biju Patnaik University of Technology, Odisha, India

• Bachelors in Engineering (Electronics & Communication), Brahmapur University, Odisha, India

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