**INDRA KUMAR ADHIKARY**

Cell: 240-626-1407

[sharmakumarusa@gmail.com](mailto:sharmakumarusa@gmail.com)

PROFESSIONAL EXPERIENCE

* Over 7 years of professional IT experience in all stages of the **SDLC (Software Development Life Cycle)** involving **requirements gathering, analyzing, designing, implementation, testing, deployment, documentation of project development and management.**
* Good hands on knowledge of **OOPS (Object Oriented Programming Structure)** and **Agile methodology**.
* Hands on technology experience of designing and developing software applications with**Microsoft .NET Framework 4.5/4.0/3.5/3.0/2.0 using C#, ASP.NET and ADO.Net**.
* Experience in **SharePoint Server 2013/2010/2007(Configuring Web parts, Features, Web Content Management, Service Applications, and Workflows), InfoPath 2010, and SharePoint Designer 2010.**
* Good understanding of new **Microsoft office 365/ SharePoint 365, SharePoint 2013 App model**, building **SharePoint Apps**, **App Parts,** performing **CRUD** operations to **SharePointLists** by implementing **REST** services using **OData** protocol.
* Experience in publishing forms and metadata to libraries and embedding forms in site pages by using **SharePoint 365**, **SharePoint** 2013.
* Involved in development for **SharePoint 2013/2010 and MOSS 2007**. Created **Web Parts, Features, Farm Solutions, Event Handling, Workflows** in **SharePoint 2013, SharePoint Designer** and **Visual Studio 2013**.
* Expert in **PowerShellScripts** for **developing, deploying Farm Solutions**.
* Created **Custom pages**using both**Visual Studio (Custom Code) and SP designers.**
* Created **Site Collections/Sub-Sites/Managing Document Libraries/Lists**.
* Experience in Querying Lists using **CAML** and **LINQ**.
* Customized**Master pages** of **SharePoint Sites** for **Mobile Development (Redirection system, Mobile Control** and **Adaptors**) and **rendered SharePoint list** and **pages** in **Mobile Devices using** both **Web Browser** and **PowerShell Scripting**.
* Experience with **Gradual Migration** from **SPS 2003 to MOSS 2007** and **Hybrid Migration** from **MOSS 2007 to SP 2010.**
* Experience in customization of **Lists, List Templates, Site Templates, site definitions, Custom Content Type, Views.**
* Expert on implementation of SharePoint 2010/2013 server farm and **FAST Search Server 2010** for SharePoint to provide enterprise wide federated search capabilities.
* Experience in configuring **SSP** for working with **Excel Services, Search, Profiles** and **Audiences**.
* Extensive experience in working with **Records Management, Web Content Management**& applying **Information Management policie**s. ,
* An expert in creating **Site Definitions, Event Handlers, Document Libraries, Picture Libraries, Wikis, Blogs, RSS Feeds**&**Team Sites**.
* Experience in latest **Microsoft Technologies** like **WCF, ASP.NET, ADO.NET** and **LINQ**.
* Hands on **experience with Microsoft SQL Server 2012/2008 /R2/ 2005, Oracle 11g** in designing **Stored Procedures, Triggers, Functions, Views and Databases.**
* Sound knowledge on **ETL (Extract Transform Load) Technology** for **Data Warehousing**using **Microsoft SQL Server (SSIS,SSAS,SSRS) and Oracle DB (TOAD) RDBMS.**
* Worked and created **REST** based services as well as **SOAP** based services.
* Good experience in **3-tier architecture(UI /Business Logic/ Data )**
* Very good hands on experience with **Data-Access Technologies** like **LINQ to SQL**, **ODBC**, **OLEDB** and **ADO.NET**.
* Good Team Player with excellent communication, analytical, verbal and writing skills along with strong management, organizational and mentoring skills.

|  |  |
| --- | --- |
| **SharePoint Technologies** | SP 2013, SP 365, SP2010, MOSS 2007, SP Designer 2013/2010/2007 SharePoint Foundation 2013/2010, InfoPath 2013/2010/2007. |
| **Programming Languages** | C, C++,C#,VB.Net, JavaScript, VB Script,VB 6.0, Python |
| **Web Technologies** | ASP.Net (4.0, 3.5, 2.0), ASP.NET-MVC, AJAX, SOAP, CSS, CSS3,HTML5, XML, Windows services, Web services, API, WCF,WPF |
| **Framework** | .NET framework 4.5/4.0/3.5/3.0 |
| **Databases** | SQL Server 2012/ 2008 R2/2005, MS Access/Oracle 11g |
| **Web Application Server** | Active Directory, IIS 5.0, 6.0,7.0,7.5 |
| **Business Intelligence Software** | PowerPivot, Power View, SpotFire, SQL Server( SSIS,SSAS,SSRS) |
| **Specialized Tools** | Microsoft Visio, MS Office 2013/2010, Tortoise, Office 365, Photoshop |
| **Operating System** | Windows Server 2012/2008/2003XP/Windows 8/7/Linux (Cent OS 6.0) |
| **Software Methodologies** | Waterfall, Spiral, Agile (SCRUM) |

TECHNICAL SKILLS

## United Healthcare,Winsor ,CT Feb 2013-Present

**Sharepoint Developer**

TheERP(Enterprise Resource Planning) system portal is basically the management system that combines the records of all the departments of the company effectively.This project contains the process of managing the accounting functions by vouchers and journal vouchers. After all these, the system generates the report of each module year and month wise. The development part of FAS (Fixed Assets) consists of development of company financial year definition, Creating account groups, creating accounts, creating company specific accounts, payment and receipt vouchers, adjustment vouchers and sales vouchers.

**Responsibilities:**

* Worked on enhancing and upgrading existing **ERP System**to SharePoint **2010** Portal.
* Modified look and feel of current system using **HTML5** and **CSS3** and make it more user friendly.
* Created **Custom Web Parts**and **Connectable web parts using C#.**
* Designed and developed **Database** as per portal requirements using **SQL Server 2008R2**.
* Implemented C**ustom Lists, Custom Views, Document Libraries, Forms, Site Columns, Site Content Types, and Calendar**.
* Designed publishing forms and metadata to libraries and embedding forms for different sites’ pages by using **SharePoint 365**.
* Customized **SharePoint list** and **pages** to create **Mobile Dashboard** and to **render** in **Mobile Devices using** both **Web Browser** and **PowerShell Scripting**.
* Created **Custom Site Definition** for the company. Also worked on branding of the sites.
* Created C**ustomWorkflows** for the approval of each **document libraries**.
* Created **InfoPath Forms** to make Data Entry forms and allow users to fill them within **SharePoint Form Library**.
* Deployed **web part** using **WSP Builder** and **STSADM utility**.
* Created **Feature**s, deployed it and activated it across **Site collection**.
* Developed **Master Page** and implement the same template throughout the application. And also developed **Content Pages** of portal using **SP Designer** and **ASP.NET**. (in **Visual Studio**)
* Performed **Backup /Restore functionality.**
* Implemented of SharePoint 2010 server farm and **FAST Search Server 2010** for SharePoint to provide enterprise wide federated search capabilities.
* Used **Excel Services, Search Modules, KPI Lists** and **Dashboard.**
* Implemented **BDC and BCS** for data manipulation from backend.
* Implemented functionality for Report **Generation** and **Print Outs.**
* Developed functions to **collect data** from all branches and departments of company.
* Applied **Newsfeed Features** of **Office 365** to share project information within **Project Team Members.**

**Environment: Office/SharePoint 365,SharePoint 2010, .Net Framework 4.0, C#, SP Designer 2010, VS 2010, SQL Server 2008R2, InfoPath 2010, HTML5, CSS3, IIS7.**

**Tyco International, Boca Raton, FL April 2011 – Jan 2013**

**SharePoint Developer**

Tyco International is the world leader in electronic security and fire protection to customers worldwide through its global ADT, fire protection services and safety products businesses. The goal of the project was creating a web portal called TSP (Tyco Safety & Protection), which provides easy access to the internal news and events happening in Tyco.

**Responsibilities:**

* Responsible for **migration** from **MOSS 2007** to **SharePoint 2010 Installation** and **configured central administration.**
* Gathered, analyzed the **business requirements** and documented the whole functional and **technical specifications** of the project.
* Created **SharePoint Sites, Sub-Sites, Document Libraries, Lists, Audiences, Audience Rules, List Templates** onportal tocollaborate different Departments.
* Designed **Workflows u**sing **SharePoint Designer 2010**, which involve **workflows** like **creating a task for User, Approval Workflow, Sending email notification with details, managing permissions on list items**.
* Deployed **Site Features** and **Custom List with Site Columns and Content Type** by using **SharePoint Features Manager**.
* Created & Deployed **Connectable Custom Web Parts** by using **C#** and **SharePoint Object Model.**
* Created **Custom Event Handler** by using **SharePoint Event Receivers** for performing different tasks and implement monitoring
* Extensively used **SharePoint Manager for user Security, Sites, lists & Item Management**.
* Used **Web Services** in designing some **workflows to start workflows, copying document** from **List** to **document libraries, Managing permissions.**
* Configured **Incoming and Outgoing Connections for an IIS 7.0 SMTPServer** in **Microsoft Windows Server 2008**.
* Created a **web portal** for the internal employees.
* Used **Active Directory**, to create **users and managing permissions**. Also created **SharePoint Groups** to **manage permissions** for different department on portal.
* Implemented **security** at **site collection level, site level, list level and item level**.
* Created **custom search** using **Fast Search server** to search all the items authored by a particular user and also created different search scopes.
* Designed **business forms** using **InfoPath 2010** and published it in to **SharePoint Forms Library.**
* Created and customized the **master pages and page layouts** for better interface using the **SharePoint Designer**.
* **Applied OneDrive (SkyDrive) Features of Office 365** for storing and sharing documents and files.

**Environment**: **Office/SharePoint 365**, **SharePoint 2010 , ASP .NET, C#, Visual Studio 2010, .NET Framework 3.0,MS SQL Server 2008, IIS 6.0/7.0, InfoPath 2010,SharePoint Designer 2010**

**Duke Energy, Charlotte, NC October 2009- March 2011**

**SharePoint Developer**

The project was to develop an on demand application and provide first hand support to SharePoint related issues, administrating SharePoint farms, user management and migration from MOSS 2007.

.

**Responsibilities:**

* Involved in complete life cycle of the portal.
* Implemented **Site Collection** and **Sub Sites** for portal application.
* Designed **Master Page** and **Sub Pages** of portal using **HTML, CSS and SP Designer 2007** to improve **look and feel** of application.
* Customized**Page Layouts** of portal using **SP Designer 2007.**
* Designed and developed the **SP Portal architecture** involving **SP entities** such as **Libraries, Lists, Wiki pages**, **Announcements, Calendar, Site Column, Content Types and Web Part Pages.**
* Customize **portal navigations** using **Navigation Control.**
* Designed and developed various **Custom Web Parts** of portal for complex data entry forms.
* Constructed **Custom Server Controls** to provide specific **UI features.**
* Modified and maintained consistency of **site pages** across portal.
* Created **custom forms** like **Data Entry Forms, Document Management Forms etc. using InfoPath 2007.**
* **Branded the portal** by **customizing** the **site definitions** and the **team sites** to give the professional **look and feel**
* Extensively used **BCD**to integrate **SQL Server data to portal.**
* Used **OOTBWorkflow** to fulfill portal’s requirements.
* Used **Search Scopes** to search specific data across **Site Collection**.
* Implemented different **levels of permissions** for different users as per client’s requirements like **add/ update/delete data** as well as users, changing navigations, giving various rights to particular users in portal application**.**
* Used **WSP builder** to create **WSP Package** for Deployment.
* Developed functionality to **automatic alert notifications** and **email sent on events**.
* Developed **Event Receivers &Event Handlers** of various functions for portal.
* Created **Dashboar**d to display **Project Status, Filters, KPIs** and **Reports**.
* Extensively implemented **custom web parts** and various forms for **task management system** as well as **meeting management system**.

**Environment: MOSS 2007,WSS 3.0, .Net Framework 3.5 ASP.Net 3.5, C#, WCF, WPF, SP Designer 2007, VS 2008, SQL Server 2008, InfoPath 2007, HTML4, CSS, JavaScript, IIS6.**

**Walgreen, Chicago, IL Sept 2008-Sept 2009**

**SharePoint Developer**

The project goal in Walgreen was to provide a new Intranet Web Based Solution to employees of different departments for sharing and maintaining documents, product specifications and images amongst them. The product benefits them in better reuse of their knowledge assets, greater functionality with minimal learning curve, and faster time to market and increased revenues. Specific functionality includes Central Repository, Document Logging and Version Control, Easy to use InfoPath Forms, Workflow Processes and Approval Functionality.

**Responsibilities**

* Involved in gathering and preparation of **User’s Requirements Specification Documents**.   
  **Created Custom Site Definitions, Site Templates, Site Columns, Document Libraries, Lists, List Views, and Content Type.**
* Deployed **Site Features and Custom List** with **Site Columns** and **Content Type** by using **Share Point Features Manager**.
* Worked with **Share Point Designer 2007** for **branding** and **chroming** of Portal.
* **Customized Look & Feel** of portal by modifying **Master Pages** and using **Cascading Style Sheet.**
* Designed different forms with the help of **MS InfoPath 2007 and published**them in **Forms Library** of **SharePoint Portal.**
* Worked with **Visual Studio .Net** with **C#** and **Share Point Object Model** for **addition & customization o**f **Portal.**
* Used **Out-of-box workflows** and developed **custom Workflows (in SharePoint Designer 2007 & Visual Studio.Net)** for handling documents flow.
* Created **Top Level sites and site collections using Master Pages, CSS and HTML.**
* Designed different **Approval Processes with the help of workflows and implement** them for **Document Library.**
* Created **Event Handler** by using **SPItemEventReceiver** for performing different tasks and implement monitoring.
* Implemented **CAML Queries** for extracting **list contents** in **web-parts**. Designed **CAML queries** with the help of **CAML Query Builder**.
* Created & Deployed Simple & Connectable **Web Parts** by using **C# and SharePoint Object Model.**
* Implemented **AJAX WebParts** to avoid whole page refreshing.   
  Deployed **WebParts** with the help of **Single Click Solution Package**.
* Rigorous testing and debugging of all components.

**Environment:** .**NET Framework, Windows SharePoint Services (WSS 3.0), Microsoft Office SharePoint Server 2007, Microsoft Visual Studio 2005, SharePoint Designer 2007, Microsoft InfoPath 2007, C#, HTML, CSS, Java Script, CAML Query Builder, AJAX, InfoPath, XML, SQL Server, ASP.NET, IIS 6.0, XML Web Services,**

**PNC Bank, Pittsburg, PA July 2007-August 2008**

**SharePoint Developer**

Handling Retail banking project that implements benchmarking and cost saving features related to the various branches. The system retrieves item classification data, formats them into PDF, and prints them at the printer selected by banking associate. For system to send and print the formatted PDF file at branch printer, a web service is used. Application is supported through a handheld/ Web application and the functionality supporting the handheld device.

**Responsibilities**

* Responsible for **administration, customization**, and **configuration** of **Microsoft Office SharePoint Server 2007.**
* Implemented **MOSS2007** for **corporate intranet**, **document management, internal and external (extranet) collaboration**.
* Worked on **SharePoint document library** to store multiple documents, tracking utilization of services.
* Deployed/Processed **InfoPath forms** using **XML** file and a **Database Integration technique** which involves creating **InfoPath forms** that submit data directly in to the **Microsoft Access** and **SQL Server databases**.
* Worked on **Dundas Charts** for Microsoft's **SharePoint portal**.
* Designed and implemented **Data View Web Parts, Data Driven SharePoint** based **Web Sites** displaying data that is pulled from Microsoft SQL Server 2005database utilizing **BDC Technology**.
* Applied **security and permission levels** using **Roles/Groups**.
* Created **Custom WebParts,** which accepted data from the users, and stored this data interacted with custom lists using **SharePoint Object Model** and deployed them onto the **server farm**.
* Used **web service** to get data from different farms.
* Worked on **Business Data Catalog** to integrate business data from back-end server applications to Office **Share Point Server 2007**.
* Developed different **web pages** with different features for store buyers and vendors.
* Worked on **Windows SharePoint Services 2007** administration, and upgrading the project.
* Worked on enhancing **Java services to interface with SharePoint 2007** using **Web services (SOAP) and RSS technology.**
* Worked on setting up **Metadata (columns)** and **Search Engine Optimization** and to sort/filter **Document Libraries.**

**Environment:.NET framework 3.0,C#, ASP.NET, Microsoft Office SharePoint Server 2007, InfoPath 2007,, Dundas Charts, JavaScript, RSS, HTML, XML, IIS 6.0, HTML, CSS,SQL Server 2005, MS Visual Studio 2005.**

EDUCATION:

* **Bachelor in Math, Economic and Geography, Tribhuvan University, 1992 Kathmandu, Nepal.**
* **Master of Science in Information Technology, 2013, Hood College, MD, USA.**