**INDRA KUMAR ADHIKARY**

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PROFESSIONAL EXPERIENCE

* Over 8 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.**
* Hands on knowledge of **OOPS (Object Oriented Programming Structure)** and **Agile methodology**.
* Extensive technology knowledge on 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**.
* Expertise on **Configuring Web parts, Features, Web Content Management, Service Applications, and Workflows**in **SharePoint Server 2013/2010/2007**using customizing tools such as  **InfoPath 2013/2010, SharePoint Designer 2013/2010 and Nintex 2013/2010.**
* Good understanding of new **Microsoft Office 365 (SharePoint Online), SharePoint 2013 App model**s in performing **CRUD** operations to **SharePointLists/Document Libraries**by implementing **REST** services using **OData** protocol.
* Handful knowledge on **designing, developing and deployment of SharePoint Hosted and Provider Hosted APPs**.
* Experience in integrating different **Webparts(CQWP, CEWP, Forms, Search, Filters, Apps, Business Data)** withthe Customer Portal Pages to give better look and feel.
* Expert in using different **Application Programming Interface (API)**: **Server Side, Client Side** and **PowerShellscripts** for **developing and deploying SP solution**to different **scopes.**
* Hands on knowledge on **Migration and Upgrading for MOSS 2007, SP 2010 and SP 2013 using In-place, Database Attach,** and **Hybrid methods as well as using third party tools such as Metalogix, ShareGate, DocAve, Quest etc.**
* Experience in **Client Side Scripting Languages** such as **JavaScript, LINQ, JQuery** for different **validations** as well asfor **designing Client Side Object Model(CSOM).**
* Sound knowledge in customization of **Lists, List Templates, Site Templates, site definitions, Custom Content Type, Views.**
* Good understanding of **Term Store Management, Taxonomy Management** for sharing centralized database of terms store within different **Site Collections.**
* Handson experience in **Data visualization** using **Microsoft’s Power BI Tools: Power Query, PowerPivot, PowerView, PowerMap,Power BI sites and Data Management.**
* Expert on implementation of **SharePoint 2010/2013 server farm** and **FAST Search Server** for **SharePoint**sub/sites to provide enterprise wide federated search capabilities.
* Extensive experience in working with **Records Management(In-Place and Record Center), Web Content Management**&**Information Management Policie**s. ,
* Experience in**WebTechnologies** like **WCF, ASP.NET-MVC,ADO.NET,AJAX,**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.**
* Extensive knowledge in new **SharePoint Social features: Community Site/ Mysite, Micro-blogging, Newsfeed, Follow and Share.**
* Good Team Player with excellent communication, analytical, verbal and writing skills along with strong management, organizational and mentoring skills.

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| **SharePoint Technology** | SharePoint 2013/Office 365/ SharePoint2010/MOSS2007, SharePoint Designer 2013/2010**/2007** InfoPath2013/2010/2007. |
| **Programming Languages** | C, C++,C#,VB.Net, Python |
| **Web Technologies** | ASP.Net(4.0,3.5),MVC,CSS3,HTML5, JavaScript,Jquery, LINQ,AJAX, XML Web services, WCF,WPF |
| **Content Management**  **System** | Joomla, TextPattern, Dot Net Nuke, etc. |
| **Framework** | .NET framework 4.5/4.0/3.5/3.0, Salesforce CRM |
| **Databases** | SQL Server 2014/2012/ 2008 R2/2005, MS Access/Oracle 11g |
| **Web Application Server** | Active Directory, IIS 5.0, 6.0,7.0,7.5,8.0 |
| **Business Intelligence & Data Visualization Software** | PowerPivot, PowerView, PowerMap, PowerQuery, PowerBI, SpotFire, |
| **Specialized Tools** | Microsoft Visio 2013, MS Office 2013/2010, Microsoft Project 2013 |
| **Operating System** | Windows Server 2012/2008/2003 R2 XP/Windows 8/7/Linux (Cent OS 6.0) |
| **Software Methodologies** | Waterfall, Spiral, Agile (SCRUM) |

TECHNICAL SKILLS

WORK EXPERIENCE:

## Department of Information Resources (DIR) June 2015- August 2015

**Austin, Texas**

**SharePoint Developer**

**Responsibilities:**

* Designed Agency Portal in SharePoint Server 2013 platform.
* Designed Agency **login page** to accept user **login credential** – developed using **ASP.Net** and **JavaScript.**
* Developed **User / Power User Authentication Database**  using application FBA developed by Codeplex (a third party tool integrated into SP 2013).
* Implemented **Form Base Authentication (FBA**) with standard options for reentering, restoring and resetting User login information: used FBA application.
* Designed of the **Site Collection** to create **Site Content Types, Globally Reusable WorkFlow, document library and Subsites** for all agencies.
* Created**Subsites** for each agency applying new branding features **Design Manager / Composed Looks**of SharePoint 2013.
* Designed Agency friendly **user interface (UI)** to accept agency information and document attachments: designed with the help of **InfoPath Designer 2013**. Developed**InfoPath form Template** and deployed to the farm level and there after activated to the individual Subsites.
* Implemented **BDC (Business Data Connective**) to integrate **External Content Type form SQL database tables** of different agencies.
* Designed **SharePoint list/library view**s using **Telerik Controls**.
* Designed**Globally Reusable WorkFlow**in **SharePoint Designer 2013**to upload agency documents to collect reviews, signatures and approvalsfrom different departments.
* Implement **DocuSign**, a third party tool, to collect the **Approval Signature** for the **Globally Reusable Work Flow.**

**Environment: SP 2013, .Net Framework 4.5, ASP.Net 4.5, C#, SP Designer 2013, VS 2012, SQL Server 2012, Microsoft Windows Server 2008R2, InfoPath 2013,HTML5, CSS3, JavaScript,Telerik Controls, IIS 8**

## Department of Child Support Service (DCSS) Jan 2015- May 2015

**Rancho Cordova, CA**

**SharePoint Developer**

**Responsibilities:**

* Reviewed and analyzed change requests to determine the scope of work and estimated the level of effort for application changes for upgrading and migrating existed SharePoint Farm to Higher Level
* Prepared detailed technical specifications for changing application components based on business requirements and high level designs for upgrading.
* Provided problem resolution support, specific to application issues; identified and resolved problems in application software, coordinating with application users to determine symptoms and ensure accurate problem definition.
* Designed and developed SharePointsolutions to fulfill users' requirement in new upgraded environment by replacing third party tools (CorasWorks, CodePlex etc.)
* Designed **Master Page** and **Site Pages** using **SP 2013 OOB, SharePoint Designer 2013** as well importing **Web Pages** designed using **HTML5, CSS3** to improve **look and feel** of the portal.
* 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.**
* Customized **Sites navigations** using **Navigation Control.**
* Developed**Centralized Metadata Term StoreTaxonomy** for sharing centralized database of terms for end users within different **Site Collections.**
* Designed various **Custom WebParts, APPs** for complex data entry forms.
* Constructed **custom server controls** to provide specific **UI features.**
* Implemented **CAML Query** in developing business logic for different **custom lists**.
* Created **custom forms like Data Entry Forms, Document Management Forms etc. using InfoPath 2013/ SP Designer 2013 and Nintex forms 2013.**
* Extensively used **BCS** to integrate SQL Server data to portal.
* Designed **User side validations using JavaScript and JQuery**.
* Developed different type of **workflows (OOB)** and **customized Workflows**using **SharePoint Designer 2013/2010, Nintex 2013/2010.**
* Designed different **Search Sites** for different **Site Collections** for refining different **single/multi valued managed data properties** by using **SharePoint's Fast Search/ Enterprise Search.**

**Environment:SP 2013, .Net Framework 4.5, ASP.Net 4.5, C#, SP Designer 2013, VS 2012, SQL Server 2012, InfoPath 2013,Nintex 2013,HTML5, CSS3, JavaScript, IIS 8.**

## United Healthcare,Windsor,CT Feb 2013-Dec 2014

**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 and finally generates the report of each module year and month wise.

**Responsibilities:**

* Worked on enhancing existing **ERP System**on SharePoint **2010** Portal using **Office 365.**
* Modified **look and feel** of current system more friendly using **HTML5**,**CSS3**and made it more user friendly using **Design Manager**.
* 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 online (Office 365)**.
* Designed different **SharePoint Site Home Pages using Bootstrap framework.**
* Customized**SharePoint list** and **pages**to create **Mobile Dashboard** and **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** in **SP Designer and Nintex 2010**or the approval of each **document libraries**.
* Created **InfoPath Forms / Nintex Forms** to make Data Entry forms and allow users to fill them within **SharePoint Form Library**.
* Created **users side validation scripting in JavaScript**.
* Integrated **Dashboard with Data Visualization Interface** from **Microsoft Excel** to SP site.
* Developed **Dashboard** in **SharePoint Site by integrating Salesforce metadata/documents**.
* Deployed **web part** using **WSP Builder** and **STSADM utility**.
* Implemented **CAML Query** in developing business logic for different **custom lists**.
* Created **Feature**s, deployed it and activated it across **Site collection**.
* Developed **Master Page** and implemented the same template throughout the application. And designed **Content Pages** of portal using **SP Designer** and **ASP.NET**(**Visual Studio**).
* Performed **Backup /Restore functionality for different scope (Farm/Site Collections).**
* Implemented **BDC and BCS** for data integration and manipulation from Salesforces.
* Implemented functionality for Report **Generation** and **Print Outs.**
* Developed functions to **collect data** from all branches and departments of company.
* Applied **Newsfeed**of **Office 365** to share project information within team members**.**

**Environment: Office 365,SharePoint 2013/2010, .Net 4.0,C#, SP Designer 2013/2010,Nintex 2013/ 2010, VS 2010, SQL Server 2012/2008R2, 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 / Nintex 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.**
* Created **Dashboard using PowerView in Microsoft Excel and integrated remote Salesforce record/documents**for **Data Visualization** and exported to **SharePoint Site.**
* 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.
* 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.**
* **Developed Users Side Validations using JQuery and JavaScript.**
* 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 / sharing documents and files.

**Environment**: **Office 365**, **SharePoint 2010/07, ASP.NET, C#, Visual Studio 2010, .NET 3.0,MS SQL Server 2008, IIS 6.0/7.0, InfoPath 2010,SharePoint Designer 2010,Nintex 2010.**

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

**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/Nintex2007.**
* **Branded the portal** by **customizing** the **site definitions** and the **team sites** to give the professional **look and feel.**
* **Developed UI using JavaScript functions to give user friendly 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 for **data visualization** of **Project Status, Filters, KPIs** and **Reports** by integrating **Salesforce records/documents**.
* 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. **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.**
* Imported **BI Dashboard w**ith **Data Visualization** from **Microsoft PowerPivot to SharePoint Site.**
* 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, WSS 3.0, MOSS 2007, Microsoft Visual Studio 2005, SharePoint Designer/2007, InfoPath 2007, C#, HTML, CSS, Java Script, CAML Query Builder, AJAX, 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 using a web service and prints them at the printer selected by banking associate.

**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 Data Visualization to 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 to upgrading the project.
* Worked on setting up **Metadata (columns)** and **Search Engine Optimization** and to sort/filter **Document Libraries.**

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

EDUCATION:

* **Bachelor in Math and Economics, Tribhuvan University, 1992, Kathmandu,Nepal.**
* **Bachelor in Computer Science, Kathmandu University, 2005, Kathmandu,Nepal.**
* **Master of Science in Information Technology, 2013, Hood College, MD, USA.**