**Radhika Prajapati**

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660-441-9236

**Full Stack C# .NET Developer/UI Developer**

**SUMMARY:**

Software Developer with **7 years** of rich experience in IT with wide exposure in Designing, Developing and Implementing **Intranet, Internet, client/server applications, Web development, Object Oriented Programming** in **Software Development Life Cycle (SDLC)** using Microsoft.NET Framework (**4.6.2/4.5/4.0), ASP.NET, C#.Net, VB.NET, ADO.NET, MVC(5.0/4.0), MVVM, Entity Framework 6.0/5.0, Visual Studio (2015, 2013, 2011**) and technologies includes **HTML 5, CSS 3, JavaScript 1.8, Angular 5/4/2/1.6, Bootstrap 4/3.3/3.0, jQuery 2.1/1.11, Json and Typescript 2.6, T-SQL, MS SQL 2012/2008, NoSQL(MongoDB)**. Strong capabilities in analysing the requirements and developing applications for **Gas & Power utilities,** **Banking and general software industry**.

* Expert in all phases of software development life cycle (**SDLC**) – Project Analysis, Requirements, Design, Development, Testing, and Deployment and Documentation. Experience with all phases of software Development Life Cycle in the **Waterfall model and Agile (SCRUM) methodologies.**
* Most recent concentration has been the design of object oriented web applications for client-server applications using **Angular 4/5, Bootstrap 4, CSS 3, and SASS**.
* Experienced building high performance, quality focused Web and Mobile Apps using REST APIs hosted on Azure.
* Built systems for Cloud (Azure) with knowledge of PaaS
* Designed and built custom back-end web applications using **PHP/MySQL.**
* Expertise in optimizing the Angular2 Application performance.
* Extensive experience in .**NET Framework 4.5/3.5/3.0/2.0/1.x,** Web based application development using Microsoft.NET technologies including **ASP.NET 4.5/3.5/3.0/2.0, C# 4.0/3.0/2.0, ADO.NET, WCF, Entity Framework, Expression Blend, AJAX, WinForms, XML.**
* Proficient in front-end development using **Angular 2/4/5**, **JavaScript, jQuery, HTML5, CSS3, Typescript and Bootstrap.**Worked with the Architecture teams to implement upgrade of **Angular 1.5 to Angular 2.0**.
* Built AngularJS components, UI services to consume rest services using Component based architecture provided by **Angular 2**. Expertise with creatingsingle page applications using **Angular JS with MVC capability**.
* Extensively utilized Angular components like **Providers, Directives, factories & services** used across the application.
* Experienced in creating and consuming **RESTful web services**.
* Developed multi-tier web applications with the use of web services using **ASP .Net** Web **Restful API**.
* Experience in creating WPF applications using **Microsoft Blend Design, Silver light and XAML**.
* Extensive experience in designing web applications using **HTML 5**, including JavaScript libraries like **jQuery, AngularJS, Bootstrap.**
* Expertise in developing client-side web applications with **Angular** **1.3/1.4/1.5/1.6** and **2.0**.
* Designed web applications and websites using **DHTML, HTML Custom controls, Bootstrap 3.3, CSS 3, XML/XSLT**.
* Experienced in developing the Back-end of the applications utilizing Visual Studio Developed an **Azure** based high performance compute environment to support the massive computational requirements of client congressional redistricting **Azure** application and **Xamarin** mobile application development.
* Experience with Mobile app development for IOS, Android and Window Phone by using **Xamarin**.Form.
* Involved in development of projects using SQL Server Integrated Services (**SSIS**), SQL Server Reporting Services (**SSRS**), Data Transformation Services (**DTS**) & Bulk Copy Program (**BCP**).
* Hands on experience in handling Big data with different data sources such as **MongoDB** and **MySQL**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **.Net Technologies** | .Net Framework 4.5/3.5/3.0/2.0, Classic ASP, ASP.NET 4.5, C#.NET, AJAX Extensions, AJAX Control Toolkit, XML Web Services, ADO.NET, LINQ, WPF, MVVM, WCF, WWF, MVC 5, IOS SDK |
| **Languages** | C, C++, C#, VB.Net, VB |
| **IDE** | Visual Studio.Net 2012/2010/2008/2005/2003 |
| **Web Technologies** | AJAX, JavaScript, VBScript, HTML 5, XHTML, DHTML, Flash, XML, XSLT, XAML, CSS 3, ASP, Knockout, AngularJS |
| **Application Servers** | IIS6.0, IIS5.x with .NET Framework, Microsoft Office SharePoint Server 2007. |
| **Databases** | SQL Server 2000/2005/2008, Microsoft Azure, Oracle 10g, MS Access, SQL, MySQL, T-SQL, PL/SQL |
| **Design Tools** | Design Patterns, Rational Rose. |
| **Operating Systems** | Windows 7, Windows Vista/XP/2003, Macintosh OS X, UNIX, Linux 6.2/7.0. |
| **Modeling Tools** | UML, MS Visio 2000, Long View Trading |
| **Version Control Tools** | Visual Source Safe (VSS) 2005, Subversion, Team Foundation Server 2010/2008, Git |
| **Testing Tools** | N-Unit, Jasmine, Cucumber, Karma |

**EDUCATION:**

* Master’s of Computer Science in University of Central Missouri, Warrensburg, Missouri (GPA: 3.8/4.0)
* Bachelor's of Science in Computer Science and Information Technology in Tribhuwan University, Kathmandu, Nepal (GPA: 3.9/4.0)

**PROFESSIONAL EXPERIENCE:**

**Con Edison, NYC, NY**

**C# .NET UI Developer/Mobile Developer Mar 2018 – Till Date**

**Project:  Gas Inspection/Mobile application**

**Description:** This application is a safety and emergency response solution conceived, designed and developed to provide organizations the ability to manage the safety and security of the people (members or employee). The mobile application enables users to report their current location and Outages alerts depends upon the location.

**Responsibilities:**

* Involve in general requirements gathering from the client, and analysis of the scope of the development process.
* Developed ASP.NET web application in n-Tier architecture using .NET Framework 3.5, Entity Framework, C#, ASP.NET 4.0., Repository Pattern and Code Migration Techniques.
* Implemented .Net classes for Business Logic Layer using C#.
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from SQL server.
* Developed a cross platform mobile application that runs on Android, iOS and Windows platforms using Xamarin Studio.
* Responsible for developing apps by using Xamarin Framework to build native apps for IOS, Android, and Windows Phone 8 platforms simultaneously.
* Created .NET User Controls and Client-Server Validation Controls using ASP.NET, C# .Net and JavaScript.
* Created WCF REST Services and also used different bindings to make it available to different types of clients and also consumed third party Web services for use in the project .
* Developed ASP.NET Web Forms using HTML, AJAX, Master Pages, Themes, JavaScript and jQuery.
* Developed the application using MVC, Entity Data Model and RESTful and WCF services.
* Maintained and enhanced existing software by analyzing and identifying areas for optimization and refactoring.
* Used jQuery and JavaScript for implementing client-side validations at Controller level.
* Used jQuery JSON for dynamic User Interface, retrieval and posting of data.
* Worked on UI design and creating contracts and classes in WCF for different modules in the application.
* Used SQL Server Reporting Services (SSRS) to create various reports like tabular reports, matrix reports and parameterized reports.
* Developed custom libraries to implement various design elements to achieve common GUI when required across all the mobile platforms.
* Successfully implemented Agile Methodologies and Analyzed client's requirements and involved in designing the GUI.
* Implemented .Net Security features of Authentication and Authorization using .Net Membership.
* Utilized C# generics, delegates, events, extension methods, anonymous types and lambda expressions.
* Created Views by applying complex queries on multiple tables to create the virtual tables and implemented cursors in Stored Procedures using SQL Server 2008/2010/2012, implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
* Migrating Services from On-premise to Azure Cloud Environments.
* Worked on Continuous Integration CI/Continuous Delivery (CD) pipeline for Azure Cloud Services using CHEF.
* Used Team Foundation Server for Source Code Control, project related document sharing and team collaboration.

**ENVIRONMENT:** ASP.NET 4.5/4.0, C#.NET, ADO.NET, .NET Framework 4.5, Entity Framework 6, JavaScript, CSS, HTML, LINQ, XML, VB.NET, AJAX, jQuery, Angular, Bootstrap, MVC 5, SQL Server 2012/2010/2008, WCF, Visual Studio 2015/2013, Azure, Team Foundation Server (TFS) and Agile

**US Bank, St Paul, MN June 2017 – Feb 2018**

**Full Stack .NET Developer/UI Developer**

**Project:  FOUREYES**

**Description:** FOUREYES is an internal application within the bank used by the business lines which is developed from scratch. Previously Business Lines were using MS Access 2010 as the front end and T-SQL as the back end which is now replaced by MS Access with a .net application and the interface between FOUREYES and FIRCOSOFT is done by WCF services.

**Responsibilities:**

* Designed UI screens and code using ASP.NET MVC5, Angular, HTML5, Javascript, JQuery, CSS3 and BOOTSTRAP which provides performance data visualization to users.
* Created and consumed ASP.NET Web services and implemented RESTFUL for service layer.
* Used Angular 4/5 and Typescript to modularize the app for reusability and consistency.
* Worked on Angular 5 Pipes and Filters, custom directives, decorators, and services, validations, form validations, upload, download, form submissions, and implemented Input Variables, NgFor, NgIf.
* Worked on views, common shared views for user interface using Angular and JSON.
* Used Angular CLI, using the Web-pack for Bundling and for Minification.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript and jQuery.
* Used the Kendo UI controls for more robust requirements. Controls used such as grid, panel, date picker, combo box, validation, dropdown and Autocomplete etc. throughout the application.
* Developed the frameworks using ASP.Net MVC5 and used Razor Syntax for view engine.
* Expertise in using ADO.NET objects such as SQL Command, Data Reader, Data Set and Data Adapter.
* Participated in database modelling and development using SQL Server, Stored Procedures, Packages, and Functions.
* Created RESTFUL Services and used different bindings to make it available to different types of clients.
* Experienced in Installing, Upgrading, and Configuring of Microsoft SQL Server and Databases.
* Experience in SQL Server Programming (SQL), Integration services (SSIS) and Notification Services and Reporting services (SSRS) in SQL.
* Used LINQ entity framework for retrieving data from the SQL database.
* Created auto generated tokens from application to communicate to Power BI through Azure.
* Followed Agile Methodology with daily scrum meetings, two-week sprint planning and retrospectives
* Experience in creating and using Stored Procedures, Views, and User Defined Functions.
* Experience in creating Sub-Queries and Joins for complex queries involving multiple tables and Exception Handlers.
* Developed database security standards compatible with efficient user operation and system security requirements.
* Used Visual Subversion (SVN) to store source code in repository.
* Deftly followed agile methodologies of software development and followed complete Test-Driven Development Process (TDD).

**ENVIRONMENT**: VISUAL STUDIO 2015, C#.NET, ASP.NET, kendo UI, WEB API, SVN, Agile MVC5, HTML5, CSS3, BOOTSTRAP, JAVASCRIPT, ANGULAR 4/5, JSON, T-SQL, ADO.NET, ENTITY FRAMEWORK, AZURE, XML,SSIS

**YoungInnovations Pvt. Ltd., Nepal Jun 2013 - Dec 2016**

**UI / Web Developer**

Worked on multiple projects specially focusing on open data with different teams. One of the major project was Earthquake Response Transparency Portal which is focused on the financial flows related to earthquake rebuilding and reconstruction in more structured and open format in a single portal.

**Responsibilities:**

* Interacted with client along with team and Project Manager in collection of the requirements.
* Proficiently apply JavaScript task runners like Gulp and Webpack to compile Sass to CSS, minify and uglify code.
* Converted UI (User Interaction) designs to interactive and dynamic web pages that are both responsive and cross-browser compatible.
* Implemented Mobile first approach for writing CSS media queries for responsive experiences in desktop, tablet and mobile browsers.
* Highly experienced in CSS properties including flexbox layout, transition, transformation, animation, position, selectors, and CSS units (px, rem, and em).
* Optimized performance of web applications using minification/concatenation, sprite images, image optimization, compression and also involved in analyzing the result.
* Applied jQuery scripts for basic DOM(Document Object Model) manipulation, event handling, and animations.
* Developed responsive, elegant views for web designing using the Angular, Foundation, Semantic-UI and Bootstrap.
* Leveraged AngularJS resources for all data access, encapsulating URLs and standardizing data access interfaces. Created custom directives for reusable components.
* Developed responsive single page applications (SPA) using Angular 2, a JavaScript framework
* Used Angular 2 features such as routers and http services to implement various functionalities.
* Hands on experience in Angular 2 in rebasing the UI of the application using the Angular 2 techniques.
* Themed an open-source CMS Drupal site to meet the design requirements.
* Created sites to organize and visualize data using d3.js which was also responsive.
* Developed classes for Controller, Business Logic (BAL) and Interfaces for Custom User Layer using C#, ADO.NET with MVC pattern.
* Built websites using PHP (laravel) and MySQL
* Designed User Interface and developed web applications using C#, .NET, ASP.NET MVC, HTML, XML, JavaScript.
* Utilized JavaScript for Client-side validations that greatly decreased processing time and resource consumption, freeing resources for use by other applications and speeding up processing times.
* Developed and consumed RESTful services using Web API.
* Responsible for developing WCF Service for exchange of data between systems and implement business logic.
* Extensively used Datasets, Data Tables and Data Views of ADO.NET to retrieve and manipulate data and display in ASP.NET front end interface.
* Created Data Access Classes to interact with Database.
* Wrote SQL queries, Stored Procedures, Functions, Constraints, Indexes, Triggers for extracting and manipulating the data using SQL Server
* Developed and consumed web services with WCF following Service Oriented Architecture (SOA).
* Developed and deployed the web application on IIS server.
* Participated actively in the Agile development process, contributed to sprint planning, review, and retrospective while being committed to working to completing tasks within a sprint.
* Operated closely with UI Designers and Back-end Developers to build visual elements as per the client’s need.
* Involved in writing Detailed Design Specifications and Technical Use Cases.

**Environment:** Bootstrap, HTML, Sass, Gulp, Webpack, jQuery, Javascript, TypeScript, JSON, Git, D3.js, PHP, Laravel, Drupal, Angular 2, IIS 6.0, Data Visualization (D3.js), Sketch, SQL, WCF, ASP.NET, ADO.NET, Stored Procedure, Git, MacOS, Linux

**YoungInnovations Pvt. Ltd., Nepal Sep 2011 - May 2013**

**Front-end Intern**

YoungInnovations is a private software solution provider company that works with clients from around the globe ( USA, Canada, UK, Germany, Australia, Tanzania, Moldova) providing services on Graphic, Web, Software, and Mobile Solutions.

**Project: Fight Violence Against Women and Girls (FightVAWG)**

**Description:** FightVAWG is an integrated platform developed together with the World Bank and National Women Commission that provides comprehensive solution to combat Violence against Women and Girls in Nepal through strategic use of ICTs. Major task was tested for issues like broken links, responsivity, make changes according to design fixes, and add UI elements according to new features and design.

**Responsibilities:**

* Worked on cross-browser compatibility and fixed the bugs for several browsers.
* Extensively worked on testing for the bugs, missing images and broken links.
* Worked on the design and layout of the website for a better user interface.
* Contributed to the current HTML and CSS codes to make changes in the layout along with positioning of various images and sections.
* Resolved the issues with the help of a senior developer and built it for production.
* Designed dynamic and browser compatible pages for the website.
* Upgraded the code to switch from HTML to HTML5 to make it work on the updated technologies.
* Used Firebug and Chrome developer tools to view and debug HTML, CSS and JavaScript errors.
* Utilized jQuery methods to achieve hide, show, event handling and manipulation of the DOM(Document Object Model) manipulation.
* Used Trello as a team collaboration and project management tool, and toggle for tracking time spent on tasks.
* Used Git version code control system with GitLab repository manager.

**Environment:** HTML, CSS, Bootstrap, Git, Trello, JavaScript, jQuery, Windows