**Pratha Shukla**

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**SUMMARY:**

* Over **5** years of experience in designing and developing Web Applications, **client-server** applications, **N-tier applications** and **Windows based applications.**
* Solid work experience in Design and Development of Web Applications using the **Model View Controller Architecture** (**MVC) Architecture** and **Entity Framework Code First**.
* Good experience on Automation testing Using VSTF 2013 **Coded UI C# automation**.
* Extensive Knowledge of Object Oriented Design Patterns including **Factory**, **Façade** and **Singleton** and **SOLID** designPrinciples.
* Extensive experience in design and development of various applications using **Visual Studio 2005/2008/2012/2013,2015, C#**, **ASP.NET, ADO.NET, AJAX, VB6, SQL Server 2005/2008/2012,2014, Sybase, XML, XST, WCF and Web Services.**
* Experienced with web technologies like **Dynamic HTML, HTML5, XML, XHTML, AJAX, JSON, JAVASCRIPT, CCS3, Adobe, Accessibility & Web Standards**.
* System design and development, Rapid Application Development (RAD) using **MVC, MVVM and MVP** patterns with **design patterns, code review and release management.**
* Development experience with **JavaScript, Ajax and JQuery** for implementing client-side code in **ASP.NET** applications.
* Also worked with **Single-Page Application (SPA)** template using **AngularJS** for **ASP.NET MVC 5** applications
* Experience in working on **Single Page Application (SPA)** using as **Angular 5.0** Front-end framework which improved the performance of the application.
* Building Strongly Typed applications with the **Angular 5.0/Angular 4.0** and **ASP.NET MVC**
* Strong experience in **ASP.NET** applications and used many features and frameworks like **ASP.NET AJAX,Master Pages, State Management, Validation Controls, User Controls, Custom Controls, ADO.NET,** etc
* Excellent experience in designing and developing **WinForms, Web forms, Web User Controls, Custom Controls, Server Controls and Web Service**
* Hands-on experience in UI Design like Master Pages, Web Forms, Win Forms, Razor Views, Layout Pages, and user controls using **ASP.NET, HTML, CSS** and **BOOTSTRAP, Kendo UI Angular JS.**
* Experience in developing rich, uniformed User Interface using **CSS, Master pages, and Web parts, JQUERY. MVC4**
* Expertise in working with **MVC2.0, MVC3.0,.5.**
* Expertise in **HTML, DHTML, CSS** and **JavaScript** and validation controls for performing Form validations.
* Extensive experience in writing stored procedures, triggers, views, schemas and functions as well as query, extract, and update data in SQL Server database 2012/2008/2005, Sybase, MS-Access and Oracle PL/SQL
* Extensive experience in creating reports using **Crystal Reports** and **SQL Server Reporting Services(SSRS)**.
* Worked on projects that used **MVC**, **Factory, Facade and Singleton Design** patterns extensively.
* Hands on experience in **LINQ** (Language Integrated Query), Entity Frame Work by retrieving data.
* Extensive experience with development & deployment of **Web Services** (SOAP, UDDI & WSDL).
* Good Knowledge on **SSIS (SQL Server Integration Services) and SSRS (SQL Server Reporting Services)**
* Created and hosted **Web Applications, Web Roles, Worker Roles in Microsoft Azure**.

# TECHNICAL SKILLS

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| --- | --- |
| **.NET Technologies** | ASP.NET MVC, ADO.NET, AJAX, Classic ASP ,LINQ, WCF, WPF, SILVERLIGHT, Sitecore 7.1/6.5. |
| **Languages** | C#.NET, VB.NET, Python, T-SQL, PL/SQL, |
| **Databases** | SQL 2014/2012/2008R2/2008/2005, Oracle11g/10g/9i/8i, MSAccess. |
| **Web Technologies** | HTML, DHTML, HTML5, XML, XSLT, XSD, WSDL, XAML, SOAP, CSS, Web forms, Web Services, POWERSHELL, Fiddler. |
| **Scripting Languages** | Angular 5.0, JavaScript, JQuery, VB Script. |
| **Web Servers** | IIS 8.0/7.0 /6.0/ 5.0, |
| **Web Page Editors** | Visual Studio .NET 2015/2013/2012 / 2010 / 2008 /2005. |
| **Operating Systems** | UNIX, Windows 8/7/XP/Vista / 2000 / NT / ME / 98. |
| **Reporting Tools** | SSRS and Crystal Reports. |
| **Version Control Tools** | Team Foundation Server, SVN, GIT, Microsoft Visual SourceSafe, TeamCity, FluentMigrator. |
| **IDE and Tools** | Microsoft Visual Studio. Net 2013/2012/2010/2008/2005, MS Office, Microsoft Visio, SQL Profiler, SQL Server Agent, NUnit, SSIS. |
| **MS Software Packages** | MS Office, MS FrontPage, Microsoft Visio, SharePoint 2010, MS Excel. |
| **Frameworks and ToolKits:** | Apache Hadoop, Hortonworks, Cloudera, Mapreduce, Numpy, Scikit-learn, NLTK, Pandas TensorFlow, SVM, CRFSuite, MegaM, Weka, MATLAB |

# WORK EXPERIENCE

**ComScore Inc, Reston, VA** **Aug 2016 -Present**

**.NET Developer**

**comScore** is an American media measurement and analytics company providing marketing data and analytics to enterprises, media and advertising agencies, and publishers.

**Mobilexpression**

Maintained, updated, and built new registration systems to grow comScore Inc.'s 2 million person panel. Programed heavily in ASP.NET, C#, and SQL while using Scrum Agile software development methodology.

Involved in various phases of Software Development Life Cycle (SDLC) i.e. Analysis, Design, Development, Implementation, Testing of Enterprise Web-Applications, Windows-Applications, Internet /Intranet based applications using various .Net technologies.

* Created mobile website for MobileXpression brand, used by 15 countriesworldwide.
* Created two versions of landing page for Mobilexpression providing capability to control A/Bsplit.
* Implemented UI based on designer’s mockups and business logic based on functional requirements.
* Implemented RelevantID API which uniquely identifies duplicate signups and reduces fraud within a survey.
* Implemented client-side validations using JavaScript.
* Used **SQL** queries to develop Views, Functions, Stored Procedures, Triggers and Indexes using **SQL Server 2015**.
* Participated in meetings with Business users and with other project teams to ensure that the volatile business requirements reflect in the project development
* Heavily involved in code review, build and deployment with **GIT, Jenkins**

**PermissionResearch**

* Involved in all business meetings to finalize the business requirements for the project.
* Worked with Business analysts to convert business requirements into functional requirements.
* Participated in daily **SCRUM** and weekly **Sprint** meetings to meet project deadlines.
* Extensive involve in analyzing business requirement and discussion with business users.
* Involved in enhancement of existing system based on the business requirements, database design and system analysis. Developed **ASP.NET Pages using C# and Server Controls.**
* Interacted with the offshore team, ensured the task distribution and delivery on time.
* Designed and developed the Windows application which consisted of a **WinForms GUI** with business objects for code reusability.
* Developed GUI using **.Net framework 3.5/4.0** and responsible for creating the components using **C#.Net.**
* Responsible for designing Rich user Interface Applications using **JavaScript, JQuery, CSS, HTML, AJAX and AngularJS.**
* Used **CSS framework (Bootstrap**) for Base Styling of HTML elements.
* Developed user controls and used validation controls available in environment of .Net.
* Extensively worked with the **JavaScript's and client-side validations.**
* Ajax web browser technology was extensively used with **JQuery** to avoid post back to the server.
* Developed Invoice View using **MVC, Razor and Entity Framework**. Developed Web services, using SOA architecture, WSDL.
* Consumed JSON data in an **Angular 5.0 service and Returned** JSON data from an **ASP .NET controller**
* Extensively used **ASP .NET** web server controls like Grid View for displaying the records.
* Experienced in developing and consuming Web Services and n-tier web applications.
* Used **JSON, JQuery** for the Client side to pass the parameters for hand shake across applications and for **client-side AJAX** call, validations.
* Used **ADO.** for data interaction between the web application and the Database using **Data reader**, **Datasets, and Data Adapters** controls.
* Created database objects using **SQL Server including complex Stored Procedures**, **DTS packages**, triggers, cursors, tables, and views and other SQL joins and statements for applications.

**Affiliate Management System**

* Created an internal system for business team members to manage partners andinstalls.
* Used ASP.NET, C#, SQL Server, jQuery, JavaScript, and Telerik controls.
* Used Telerik Kendo UI Controls for creating UI controls and visualizations.
* Generated critical new reports from hourly data file drops using scripts and SQL stored procedures.
* Creating, maintaining and updating the largest registration system (by percentage of panel recruits) and its internal tool.
* Generated data migration and transformation using SSIS and built reports with SSRS.
* Converted SVN repositories to Git

**Environment: .**NET Framework 4.5, Visual Studio 2015, SQL Server 2015, HTML5, MVC 4.0, SQL Server 2015, Angular 5.0, Angular 4.0 Entity Frame Work 4.0, JSON, JavaScript, WCF, Web services, WSDL, SOAP, jQuery, AJAX, SS3, XML, XSD, TFS, Windows 2008/2012 Server.

**Diagknowlogy Inc, San Jose, CA Jun 2015 - Aug2015**

**Jr. NET Developer**

## Anomaly Prediction for log data

* Analyzed log data (JSON objects) stored in MongoDB database to predict anomalies by Machine learningalgorithms.
* Calculated similarities between cases, JSON objects using feature by feature comparison in Java. Designed and implemented Data Access Object Layer using C# .NET.

**Environment**: NET Framework 4.0, C#.NET, MongoDB, SQL Server 2012, ADO.NET, HTML, LINQ, Entity Framework, ASP.NET, MVC 2, WCF, Web services, jQuery, Angular Js 1.0, AJAX, CSS, XML

## Bank of America, Hyderabad, India July 2012 – Aug 2014

## Software Engineer/Senior Tech Associate

**Portal for Web Content Management**

* Developed dynamic components, templates, pages in Agile Software Development model for Letter Management System.
* Developed Unit test cases for unit testing and nUnit scripts to validate the components.
* DevelopeddifferentUsercontrolswhichinputsthedataanddisplaythedataforthewebapplicationsusing[ASP.NET.](http://asp.net/) Created and deployed scalable web Services using [ASP.NET, SOAP](http://asp.net/) and XML. Collaborated with multiple teams spread across differentlocations.
* Developed an internal tool in C# ASP .NET MVC framework to store project details, employee utility hours. Used Crystal Reporting Tool to generate reports (project/team status report).
* Technologies used - JavaScript, jQuery, ASP .NET, C#, MVC, JSON, XML, XSLT, CSS.

**Environment**: NET Framework 3.5, C#.NET, SQL Server 2008, ADO.NET, HTML, LINQ, Entity Framework, ASP.NET, MVC 2, WCF, Web services, jQuery, AJAX, CSS, XML

# AWARDS & CERTIFICATIONS

Received Bronze Award as Global LOB recognition for successfully delivering DFS and CFPB project.

EmployeeUtilityDepictionToolwasselectedamongsttoptenprojectsoutofmorethan200+appsinBofATFG.NET.

# EDUCATION

## University of Southern California

**Master of Science in Computer Science -DataInformaticsAug 2014 -May2016**

Foundation and Application of Data Mining, Foundation of Data Management, OverviewofData InformaticsinLargeDataEnvironments,MachineLearningforDataInformatics,Analysis ofAlgorithms,Applied

Natural Language Processing.

## Vellore Institute of TechnologyUniversity,India July 2008- May 2012

**Bachelor of Technology, Information Technology.**

**Relevant Coursework**: Data Structures,Analysis of Algorithms, Object Oriented Programming, Database Systems, Web Technologies, Open Source Tech.