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Software Engineer Phone: (816) 859-4087

EDUCATION

**University of Missouri-Kansas City, MO May 2017**

Master of Science, Computer Science **GPA: 3.5/4**

**Jawaharlal Nehru Technological University Kakinada, India May 2014**

Bachelor of Technology, Information Technology Engineering**. GPA: 3.8/4**

**Technical Skills**

**Programming**: C#.Net, VB.NET, C, C++ & Cold Fusion.

**Web Technologies**: ASP.Net, WebApi, MVC5, Windows Service, WCF, WPF, LINQ, Entity Framework, ADO.Net

**Desktop:** Windows Forms

**Front End**: HTML5, CSS3, Bootstrap CSS, JavaScript, AJAX, ReactJS, Angular 2, AngularJS, jQuery, JSON, TypeScript

**Database**: MS SQL Server 2016/12, Oracle, Mongo DB

**Web Servers**: IIS 5.0/6.0

**Web Services:** SOAP & RESTful

**Source Control:** Git, Team Foundation Server

**Development Tools**: Visual Studio.NET 2015/2017, TFS, GIT, PowerShell.

**Design Patterns:** MVP, MVC.

**Testing**: NUnit, NMock

**Reporting tools:** SQL Server Reporting Services (SSRS), SSIS, SSAS

**Project Management**: SDLC, Scrum

**Cloud Service:** Microsoft Azure

**Messaging Queue**: MSMQ.

Android Application development.

**Mobile Development:** Xamarin, React Native

SUMMARY

* **3 Years** of experience as a **full stack developer** in **Analysis**, **Design**, **Development**, **Implementation**, **Integration** and **Testing** of **Client**/**Server**, Internet, Intranet Systems for various Industries using Object Oriented Analysis/Design/Methodologies.
* Proficient in designing and developing **web** **front** **end**, **component**-**based**, **object**-**oriented** systems for building **multi**-**tier** **architecture** with hands on development expertise in front end **GUI** **layer**, **application** **layer** including middleware and core business frameworks and **back**-**end** (database) **layer** integration.
* Good Understanding of **Design Patterns, Model View Controller** (MVC) **Architecture, Service Oriented Architecture** (SOA) in developing enterprise applications.
* Expertise in working with **Web Technologies** like **HTML, XHTML, CSS JSON, JQuery, AngularJS, XML, Node JS** and **JavaScript**.
* Experience with **Web Forms, Web API, CSS, ASP.NET, AJAX, JavaScript, UI design** and development consuming and manipulating data using **ADO.NET.**
* Expertise in **Design** and **Development** of **User** **Interfaces**, **User** **Controls** and **Custom** **Controls** using **ASP**.**NET** and **C#.**
* Proficiency in developing applications using **ASP.NET MVC, ASP.NET Web Forms, LINQ, Windows Communication Foundation(WCF), Web Service,** **Web API**.
* Expertise in developing **Windows Forms.**
* Strong knowledge in WPF assemblies, namespaces, hosting Windows Forms Controls in WPF pages using XAML, WPF elements and dependency properties.
* Proficient with .NET Web Services using **SOAP**, **RESTful**
* Experience in **LINQ** (Language Integrated Query Language), **LINQ** to **SQL**, **Entity** **Framework**.
* Experience in **Entity Framework** an **Object**-**Relational** **Mapping** (ORM) solution for .**NET**.
* Experience in Designing relational databases and developing and tuning **SQL Queries**, **Stored Procedures**, **User-defined functions**, **Triggers**, **SSIS** **Packages** etc. using **SQL Server**
* Profound experience in developing applications using the **Agile** **SCRUM** and **TDD** Methodologies.
* Good Communication, Interpersonal Skills and excellent team player.
* Developed Android and IOS applications using Xamarin and React Native.

PROFESSIONAL EXPERIENCE

**Client: University of Missouri-Kansas City Duration: Nov 2018 – Present**

**Role: Software Engineer Location: Kansas, MO**

**Responsibilities:**

* Designed and implemented user-interface using .NET technologies: ASP.NET MVC and C#.NET.
* Maintain and update existing applications written in C#, Cold Fusion.
* Used JQuery to make AJAX calls and update data in real time.
* Used various bootstrap components like accordion, date picker, time picker, alert, and buttons, modal and also react-bootstrap components to make the application more reactive.
* Used GIT for source control, data collection, reporting, and tracking the project.
* Working on developing Mobile application using React native.
* Used Validation controls written for Client-side validations.
* Developed extensive Stored Procedures and Cursors in PL/SQL.
* Involved in Database design and development of Database objects (Tables, Packages, Stored Procedures, Functions) in SQL Server 2015 using Microsoft SQL Server Management Studio Express and Oracle Developer.
* Involved in Bug Fixing, Code maintenance and Validation for different applications.
* Create JIRA issues as part of project management.
* Developed test cases for each module using Nunit.
* Develop data feeds and integrations between student information systems and other enterprise solutions.

**Environment:** ASP.NET MVC, C#, Cold Fusion, HTML, JavaScript, Bootstrap, JQuery, AJAX, JSON, T-SQL, SQL Server, Oracle, NUnit, Entity Framework, LINQ, ADO.NET, GIT, VS 2017, React Native.

### Client: University of Missouri Systems Duration: Feb 2018 – Nov 2018

### Role: Software Developer Location: Columbia, MO

**Responsibilities:**

* Involved in multiple projects. Converting VB program to C#.NET, ASP.NET, JavaScript, and jQuery.
* Worked on retrieving data from Magento and visualizing the data.
* Second one is to enhance a module in Cvent application to send data directly to another application using webservices.
* Applied ASP.Net best practices throughout the application development process.
* Migrating existing application to ASP.Net without affecting existing clients.
* Working with Team Foundation Source Control TFS as the source for version control, project management and managed bug tracking.
* Extensively used Dataset, Data Reader and Data Adapter objects to retrieve and manipulate data and display it onto an ASP.NET page.
* Performed client side validation using JavaScript, JQuery.
* Worked extensively on web forms and data binding controls like Grid View, Data List and drop down boxes and Mapping page fields to the database fields.
* Prepared SQL Queries based on SQL statements.
* Creating custom site pages, lists, views and master pages and adding ASP controls.

**Environment:** ASP.NET, Web Services, C#, VB.Net, HTML, JavaScript, Bootstrap, JQuery, AJAX, JSON, T-SQL, SQL Server, ADO.NET, Unit Testing, TFS, VS 2017.

**Client: WiseQ** **Duration: July 2017 –Dec 2017**

**Role: .Net Developer Location: Chesterfield, MO**

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**Responsibilities:**

* Developed the UI using ASP. NET and C#. Used ASP.NET User Controls, Custom Controls and Data Grid Web Control.
* Implemented the project using Agile Methodology and SCRUM Implementation.
* Developed web pages using HTML, Cascading Style Sheets (CSS), JavaScript and ASP.NET controls.
* Implemented ASP.NET Web Server Controls like Grid View to display the records.
* Created WCF Services for creating and consuming the business components in ASP.NET.
* Worked with SQL Server including Transact-SQL, stored procedures, functions, views, triggers, indexes, query tuning, SSIS, and RDBMS.
* Developed RESTFUL Web services, APIs, and other back end components.
* Used AJAX controls for multi lookup in the forms.
* Worked with MVC architecture application using Razor view engine and Web API.
* Worked with Entity Framework, LINQ and Lambda expressions to query and retrieve selective based information from the collection objects.
* Various Validation controls are used to validate every control on a Web form and client-side validations with JavaScript, JQuery, Responsiveness of the web sites was handled with Bootstrap.
* Excellent experience in creating & consuming Web services using SOAP, XML, REST, and JSON.
* Developed the server-side code using C# and client-side code using Java Script with Visual Studio IDE and Team Foundation Server.
* Designed and developed the required SQL stored procedures, T-SQL and functions.
* Developed Data Access Layer using ADO.NET and accessed Data Using Stored Procedures.
* Used SQL Server Reporting Services for creating and managing interactive reports.

**Environment:** ASP.NET, MVC 5.0, C#, Angular JS, LINQ, Web API, HTML, JavaScript, Bootstrap, JQuery, AJAX, JSON, Entity Framework, T-SQL, SQL Server, ADO.NET, Unit Testing, GIT, SSIS, SSRS.

**Client: Kaushik Info Tech Duration: May 2014 – Jul 2015**

**Role: Junior Developer Location: Andhra Pradesh, India**

**Responsibilities:**

* Develop web forms using C#, ASP.NET, XML, JavaScript, SQL Server 2010.
* Developed a cross-platform mobile application using Xamarin Framework
* Implemented Client and Server-side validations using JavaScript and validation controls.
* Troubleshooting and resolving bugs
* Provided daily production support and end user support
* Extensively used Data Grid & Data Lists to display data returned from Server.
* Developed various reports using Crystal Reports 9.0.
* Implementation of client-side validations using JavaScript, JQuery.
* Created WCF service interface, data type model and implementation based on business logics.
* Involved in writing Stored Procedures, Functions, Cursors and Joins
* Experience in building Single Page Application (SPA) using AngularJS framework, Angular route and applied 2- way binding, custom directive, Filter.

**Environment**: ASP.NET, C#, IIS Server, JavaScript, AngularJS, SQL Server 2010, Unit Testing, WCF, Xamarin for Visual Studio 2015, Visual Studio, GIT.

ACADEMIC PROJECTS

## **E Farming**

* Designed and implemented a 3-tier web application in.Net using Visual Studio IDE through which farmers can get information about farming.

### Technology Stack: C#.net, HTML, JavaScript, CSS, SQL.

## **Key Loggers - Ethical Hacking Application**

* An application that logs the key strokes of the victim machine and sends it to the intruder.
* Snort Tool has been used to defend the attack.

### Technology Stack: C#.Net, File Transfer, SMTP Protocol, SNORT tool.

## **Intrinsic Detective System**

* Hybrid alert system developed using Spark and Storm frameworks by taking an advantage of each.
* Made use of Spark’s Machine Learning capability and Storm processing ability to produce best results.
* Kafka as producer/consumer and MongoDB for storing results implemented using with RESTful calls.

### Technology Stack: Java, Scala, Storm, Kafka, Spark Zookeeper, MLLib, Android JAVA, MongoDB.

## **Twitter Data Analysis with Spark and Heron Platforms**

* Analyzed the real time streaming tweets and performed analysis and represented graphically.
* Done with Spark and Heron Platforms and have evaluated their performance against each other.

### Technology Stack: Java, HTML, JavaScript, MongoDB, High Charts, Twitter4j API, Heron.

## **Group Chat Application**

* Designed a Multi-threaded chat application developed in C#.net and deployed it in Genie tool.

## **Mobile application**

* Developed a windows mobile application using C#.Net.

CERTIFICATIONS

* Microsoft Technology Associate (MTA) in Web Development Fundamentals, C#.
* Microsoft Office Specialist (MOS) certified Student in MS Office, MS Excel.
* Web Designing certified by MSME.