

EDUCATION

University of Missouri-Kansas City, MO

Master of Science, Computer Science

May 2017

GPA: 3.5/4

Jawaharlal Nehru Technological University Kakinada, India

Bachelor of Technology, Information Technology Engineering.

May 2014

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
Role: Software Engineer

Duration: Nov 2018 – Present
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
Role: Software Developer

Duration: Feb 2018 – Nov 2018
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 webservice.
- 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
Role: .Net Developer

Duration: July 2017 –Dec 2017
Location: Chesterfield, MO

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 GridView 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 JavaScript 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#, AngularJS, 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
Role: Junior Developer

Duration: May 2014 – Jul 2015
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.