

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 & Python.

Web Technologies: Asp.Net Core, ASP.Net, Web API, MVC5, Windows Service, WCF, WPF, LINQ, Entity Framework Core, Entity Framework, ADO.Net

Desktop: Windows Forms

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

Database: MS SQL Server 2016/12, Oracle, Mongo DB, PostgreSQL, MY SQL.

Web Servers: IIS 5.0/6.0/7.0/10

Web Services: SOAP & RESTful

Source Control: Git, Team Foundation Server

Development Tools: Visual Studio.NET 2015/2017/2019, TFS, GIT, Stash, Git Lab, PowerShell, VS Code.

Design Patterns: MVP, MVC.

Testing: NUnit

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

Project Management: SDLC, Scrum

Cloud Service: Google Cloud

Mobile Development: React Native

SUMMARY

- ◆ **Around 8 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**.
- ◆ Strong knowledge in WPF assemblies, namespaces, hosting Windows Forms Controls in WPF pages using XAML, WPF elements and dependency properties.
- ◆ Deployed and Maintained web application on Google Cloud.
- ◆ 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 React Native.

PROFESSIONAL EXPERIENCE

Client: University of Missouri-Kansas City
Role: Sr. Software Engineer

Duration: Nov 2018 – Present
Location: Kansas, MO

Responsibilities:

- Designed and implemented user-interface using .NET technologies: ASP.Net Core, ASP.NET MVC and C#.NET.
- Worked on designing CI/CD pipelines and used GCP for implementing an application.
- Used Google Cloud Secret Manager to configure the Azure OIDC, Audience secrets for API.
- Used Cloud Scheduler to schedule Jobs by calling the API's.
- Used Cloud SQL Proxy to securely connect to Cloud SQL Instances.
- Implemented custom Security principals with **Active Directory** Groups, SharePoint Groups, Audience and User Profiles
- Maintain and update existing applications written in C#, Cold Fusion.
- 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.
- 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.
- Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC 5.0 application and used Entity Framework for the use of LINQ-based Data Access.
- Developed test cases for each module using NUnit.
- Develop data feeds and integrations between student information systems and other enterprise solutions.
- Supervising student developers to improve in their career.

Environment: ASP.Net Core, ASP.NET MVC, C#, Google Cloud, PostgreSQL, Cold Fusion, React JS, HTML, JavaScript, Bootstrap, jQuery, AJAX, JSON, T-SQL, SQL Server, Oracle, MY SQL, NUnit, Entity Framework, LINQ, ADO.NET, GIT, VS 2019, 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 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.

Employer: WiseQ
Role: .Net Developer

Duration: May 2017 –Feb 2018
Location: Chesterfield, MO

Role: Intern

Duration: May 2016 –May 2017

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.
- 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, ASP.Net MVC, C#, Angular JS, LINQ, Web API, HTML, JavaScript, Bootstrap, jQuery, AJAX, JSON, Entity Framework, T-SQL, SQL Server, ADO.NET, VS 2015, Unit Testing, GIT, SSIS, SSRS.

Client: Webikon
Role: Jr Developer

Location: Hyderabad, India
Duration: May 2014 – June 2015

Responsibilities:

- Involved in Sprint planning sessions and participated in the daily Agile SCRUM meetings.
- Developed UI screens are developed using HTML5, CSS3, JavaScript, jQuery and Ajax.
- Participated in a fully scalable client/server customer facing application using C#, Asp.Net MVC4, WCF, Entity Framework.
- Used various design patterns for the efficient code performance.
- Developed various Data Service classes to connect and manipulate data using ADO.NET and C#.
- Designed large numbers of WPF Forms, Custom Controls and User Controls using XAML language for UI and Dynamic Web Parts for personalized content which allows Change, Edit, Move the content on pages
- Worked on creating tables, views, triggers, sequences, constraints, Stored Procedures, Functions, and Packages using Oracle, SQL, and PL/SQL based on the documented user requirements.
- Preparing Unit Test Plan, Integration Test Plan and Design docs.
- Design and develop the architecture for the application.
- Expert in working with the Business Intelligence Development Studio (BIDS), which includes SSIS, SSRS.

Environment: ASP.NET, WPF, Web API, ADO.NET, Win Forms, MVC 4, WCF, AJAX, jQuery, Angular, C#, IIS Server, HTML, JavaScript, SQL Server, Oracle 11g, SSIS, SSRS, Test Driven Development, Dependency Injection, TFS.

ACADEMIC PROJECTS

Key Loggers - Ethical Hacking Application

- An application that logs the keystrokes 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.

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.