EMMANUEL SIAW ASIAMAH

SUMMARY OF QUALIFICATIONS

- 4+ years of experience in analysis, design, development and deployment of various client/server web applications.
- Solution-driven problem solver skilled in fast-paced and high productivity settings where impact can be made both as a developer and programmer analyst.
- In depth knowledge of .Net Framework 4.8/4.5 with special emphasis on the areas of designing, developing, and delivering high end web application projects for various domains.
- Broad knowledge of agile development methodologies and strong hands on experience in development of Web based Client/Server and Multi-tier applications using C#, MVC, Entity Framework, Azure, HTML5, CSS3, Microsoft SQL Server, Web API, JavaScript, jQuery, Bootstrap, Json, Bootstrap and Ajax.
- Involved in all phases of Software Development Life Cycle: analysis, feasibility, design, coding, testing, implementation, maintenance and support.
- Experienced in Object Oriented Design, Requirement Analysis, and Coding.
- Self-motivated, good team member with excellent analytical, communication and problem-solving skills with ability to work independently as well as in a team setting.

TECHNICAL SKILLS

WEB TECHNOLOGY:	ASP.NET MVC, ENTITY FRAMEWORK, HTML5, CSS3, WEB API, JAVASCRIPT, BOOSTRAP, JSON, AJAX, MICROSOFT SQL SERVER
DEVELOPMENT TOOLS:	VISUAL STUDIO .NET 2022/2019, SQL MANAGEMENT STUDIO, MS UNIT TEST, POSTMAN, MS PROJECT, AND SOURCE CONTROL USING TFS AND GIT
WEB SERVERS:	IIS 6.0, 7.0
RDBMS:	MS SQL SERVER 2019/2017, AND MYSQL
OPERATING SYSTEMS:	WINDOWS SERVER 2012/2008, WINDOWS 11/10/8

PROFESSIONAL EXPERIENCE

.NET DEVELOPER   10/2016 – 09/2022
HOSTOS COMMUNITY COLLEGE, NEW YORK
STUDENT ENGAGEMENT WEBAPPS

BeesBot: Engaging learning platform for college students, equipped with flashcards, games, and algorithms to train your own personalized bot for learning and much more.

Responsibilities
- Used LINQ to querying data from different types of data sources including SQL Server Database and in memory data
- Implemented MVC design pattern.
- Designed and developed the components for implementing business logic in middle tier of the development architecture interacting with SQL Server database using Entity Framework.
- Actively involved in the Unit testing the application and business logic using Visual Studio Testing Tools.
- Used Git for Version Control
- Involved in the intermediate meetings for the requirement gathering.
- Actively involved in designing the logical and physical architecture for database.
- Implemented 3-tier architecture to separate the application and database functionality

- Involved in designing the UML Class Diagrams of the system.
- Implemented web services to retrieve data from different database servers and to create the employee details in a format required by the company.
- Implemented many AJAX controls to improve the performance of the web pages.
- Client side validation of pages done using jQuery and validation controls like Required Field, Range, Custom and Compare Validator were incorporated for server side validation

Environment:
ASP.NET 4.5, C#, MVC, MS VS 2019, JQuery, Json, Bootstrap, AJAX, IIS 7.0, MS Unit Test, Git

.NET DEVELOPER   04/2016 – 07/2016
BUSINESS ALLIANCE, New York
Support Ticket System

Business Alliance's ticket system allows users to create tickets, auto response, internal notes or knowledge base entry, role-based access, view support history, and assigning of tickets to upper support staff. The application also helps users to streamline support requests and improve customer support efficiency by providing staff with tools they need to deliver fast, effective and measurable support.

Responsibilities:
- Used LINQ, AngularJS, Bootstrap, and jQuery to create responsive user interface and experience.
- Created Data Access Layer for retrieving and updating data from the database using repository pattern and dependency injection.
- Actively prioritized and managed requirements throughout the agile methodology adopted for the project
- Actively involved in designing, documentation of application work flows and developing functional diagrams
- Implemented web api, strategy, and dependency injection design patterns for transaction processing components.
- Implemented MVC, Repository, and Invasion of Control design patterns.

Environment:
ASP.NET 4.5, C#, MVC, MS VS 2017, TFS, JavaScript, JQuery, JSON, XML, Bootstrap, Ajax, IIS 7.0, MS Unit Test

EDUCATION

BACHELOR'S OF SCIENCE IN COMPUTER SCIENCE   New York, NY
HUNTER COLLEGE