LAKSHMI DEVI M

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* Overall 10+ years of software development experience as an application developer in different phases of software life cycle, emphasizing on delivering scalable, highly available software modules meeting client’s expectations using .Net Technology.
* Good experience working with IDEs like Visual studio.
* Experience in .Net 3.0, Angular, Html, CSS, React, JavaScript, C#, VB, Asp.net, ADO.net, Entity Framework, LINQ, MVC and SQL Server.
* Having Good knowledge in end-to-end application life cycle in .Net.
* Well versed with AGILE development and its applications.
* Performed a wide variety of programming assignments of newly developed software applications, enhancements to existing applications, and other revisions to the product.
* Strong in the complete Software Development Life Cycle (SDLC) including requirements definition, design, programming / testing, and implementation of major systems and involved development and deployment of many client/server systems based on TDD etc.
* Pleasant experience in development of software systems using Microsoft .NET framework 4.5,4.6 and 4.7.
* Strong object-oriented concepts with a good understanding of the .Net Framework Architecture (CLR, Framework Class Library).
* Working on MVC Architecture using .net framework 4.5.
* Excellent hands-on experience in User interface design by using HTML5 and CSS3.
* Experienced in writing UNIT test cases.
* Experienced in developing custom libraries and web services.
* Experience designing and developing Web Page Graphical User Interface (GUI) using HTML/HTML5, CSS/CSS3, Bootstrap, JavaScript, jQuery, Angular.
* Strong knowledge in using Object Oriented Programming concepts and Design Patterns.
* Solid working experience with Model View Controller (MVC) - Implementing View, Model, Controller and View model by using ASP.Net MVC Framework 5.0/4.0/3.0.
* Experience hosting web applications in IIS, developing applications using the ASP.NET MVC.
* Expertise in AngularJS controllers, directives, components, factory and service resources, routings, filters & events. .
* Extensive experience using databases SQL server 2019. Experience in Database Development using SQL server -developing stored procedures, functions, Views and Triggers, Complex queries using SQL Server, TSQL. Has also worked on the Performance tuning of SQL queries.
* Experienced in optimizing the stored procedures to improve the performance of the Queries.
* Proficient and up to date in C#, with a solid foundation in object-oriented programming and the .NET
* Proficient in using version controls like GIT, TFS
* Experienced in using DevOps tools like Jenkins.
* Experienced in Leading Team as a Lead developer.
* Experience in using Team Foundation Server and GitHub for Version Controlling.
* Actively participated in clients calls for gathering project requirements.

**EDUCATION DETAILS:**

* Bachelor’s in computer science and engineering. 2011. JNTU.

**PROFESSIONAL EXPERIENCE:**

**Client: Cognizant**

**Duration: October 2021 to Till Date**

**Role: Sr. .Net Developer**

**Project Description:**

Project is a healthcare insurance domain application.CareSource is redefining expectations for the entire healthcare industry. The organization offers a variety of health insurance plans, including Medicaid, Medicare and Health Insurance Marketplace products.By streamlining claims and prior authorization processes, CareSource reduces the burden on providers.

**Responsibilities**:

* Designed and developed web applications using Azure cloud services, C#, .NET Core, Web API, Angular.
* Involved in Requirements gathering, Development, Testing and delivery of application.
* Involved in all stages of SDLC including designing, coding, testing, and implementing the application following Scrum (Agile) methodology.
* Followed agile methodology and Scrum. Provide better estimates while spending less time creating them and make sure we were in control of the project schedule and state.
* Optimize applications for maximum performance, scalability, and reliability in the Azure cloud environment.
* Conducted code reviews and performance optimizations, identifying and resolving bottlenecks and architectural deficiencies.
* Managed CI/CD pipelines using Azure DevOps, automating build, test, and deployment processes to streamline development workflows.
* Worked with SQL Server and Entity Framework Core for database design, development, and optimization.
* Created REST services using ASP. NET Web API.
* Used ADO. NET Entity Framework Model 6.0 as the Data Access Layer (Database First) and implemented the CRUD (Create, Update, Retrieve and Delete) operations, Mapping and executed stored procedures.
* Implemented ADO.NETEntity Framework and LINQ to connect to SQL server databases from Repositories classes for retrieving, manipulating, querying, storing data from the database.
* RESTFUL service is built to talk to Access applications; REST wrapper is built to make calls from REST to WCF.
* Migrating ASP.NET pages to MVC Views.
* Creating SQL Objects like Stored procedures, user defined functions using SQL Server 2014
* Coordinate System Integration Testing team to meet quality assurance standards
* Wrote a C# DLL for requesting data from REST services in JSON format that will be used programmers who converted from mainframe programming to C# WinForms programming.
* Utilized LINQ to Entities extensively for data retrieving, Querying, storing and manipulation.
* Developed stored procedures, Views and automated SQL, T-SQL scripts for database maintenance, deployment, and installation.
* Implemented caching strategies using Redis to improve application performance.
* Implemented Microservices architecture to decompose monolithic applications into modular and reusable components, improving maintainability and scalability
* Developed front end using Bootstrap, HTML5, CSS, JavaScript, Angular 9, Typescript
* Designed and developed the Data access layer using Entity Framework integration.
* Designed and developed various Classes in C#.NET to implement the business logic and event handling.
* VSTS has been used for version control and document management.
* Very good experience in Deploying the project/system in Client tenant on Azure Cloud platform.

**Environment**: .NET Core, C#, WebAPI,, Angular 9, Typescript, Azure storage account, Azure Functions, Azure Application Insights, Azure Cosmos DB, Power shell, Visual Studio 2019, Azure DevOps.

**Client: I95Dev**

**Duration: Jan 2020 to Oct 2021**

**Role: Sr. .Net Developer**

**Project Description**:

Project is an ecommerce application. We created a connector interface between two systems ERP and Ecommerce. The people who are running their business in ERP system they can’t sell the products through online for that we have provided a solution using Magento an open-source PHP application and we have implemented an MVC application to track the logs of each customer specific to the project by using the respective client access details.

**Responsibilities**:

* Developed using C# .NET, ASP .Net MVC, Razor, XML, HTML5, CSS3, .Net Core 2.0, Angular 5, JavaScript, jQuery, REST APIs
* Developed user-friendly web applications using React.js, reducing page load time and improving overall user experience.
* Created REST services using ASP. NET WebAPI.
* Used integration services between Dynamics ERP and Ecommerce Integration.
* Utilized React Router for efficient navigation and dynamic routing within single-page applications, enhancing user engagement.
* Implemented state management using React Hooks and Redux, improving data flow and application scalability while maintaining a clean and organized codebase.
* Written reusable components using Partial views in MVC.
* Used SQL Enterprise Management for creating and updating different database objects for optimum performance.
* Developed content web pages and Master Pages and in ASP.NET using C#.Net.
* Extensively used Telerik Web Controls.
* Used Model View Controller (MVC) architectural Design Patterns for the development of the product.
* Developed User Controls, used .NET web controls and improved the performance of the application by configuring the caching.
* Reports are generated by using SSRS and configured SQL Server Integration Services (SSIS) for scheduling data backup.
* Writing SQL queries and stored procedures to meet any urgent report request from Business
* Maintain the application UI and Functionalities with the changes made by the UX team for releases.
* Involved in development life cycle, from design phase to implementation phase, testing and deployment. Followed Agile Methodology to produce high Quality software and satisfy the customers.
* Developed xml documents.
* Client-side validations using Data Annotations.
* Maintaining the Different branches in the Environment and depending upon the release merging the code to pre-pod or production for releases.
* Involved in Abstract Factory design pattern architecture product implementation.
* Created custom entities to pass over web services.
* Developed Stored Procedures, Functions, Views, Indexes and Triggers in SQL Server.
* To persist and transfer data between pages, Session State, View State, Cookies and Query Strings were developed.
* Designed and developed the user interface for various tools and implemented ASP.NET validation controls, JavaScript, JQuery, CSS for server and client-side validations respectively.
* Used AngularJS, MVC and Episerver development framework to build an application.
* Made use of .NET object oriented features(C#), event handling, error handling, caching and security features.
* Developed WebAPI services to get the data from third party API related to digital coupons and cached those data in local DB.
* Creating Change Control Requests for UAT and Production deployment; work closely with business users and implementers for UAT Testing and Deployment phases respectively.

**Environment**:

C#, .NET Core 3.0, Visual Studio, SQL Server, Git, GitHub, Postman, Microsoft, visual studio, Vs Code, VSTS or Azure DevOps, HTTPS, JSON, Microsoft Teams.

**Client: Jiva Infotech**

**Duration: April 2016 to Dec 2019**

**Role: .net Developer**

**Project Description**:

Project is a trusted provider of enterprise-grade medical education., management tools for academic hospitals, clinical programs, medical schools, and governmental public health agencies of all sizes.

Powered by a set of browser-based database and workflow tools that allow for rapid deployment, MyEvaluations.com supports the unique requirements of highly regulated clinical environments with robust, scalable, and customizable information systems that incorporate an institution’s existing data needs and healthcare workflow.

**Responsibilities**:

* Creating APIs with Web API and worked on business and data access modules using C#.
* Prepared WEB API services using Service oriented architecture (SOA)
* Worked on many Web API controller services for implementing the complex functionality built in system.
* Worked on Entity framework database first approach to retrieve and update data in database.
* Design and develop Web applications using ASP.NET MVC architecture.
* Participated in implementing the Caching mechanism for the faster data processing while fetching the data in the C# Services.
* Client-side implementation of grids, dropdowns and few other data bound components using JQWidgets.
* Extensive use of the ADO.NET objects such as Data grids Data Tables Data Readers and Datasets for data retrieval and manipulation.
* Used RESTful services for retrieving and sending of data using Ajax calls.
* Developed complex Stored Procedures and queries to perform database operations in SQL Server 2002 database.
* New Assemblies were developed to implement various functionalities in the Business Logic using VB.NET.
* Involved in architecture of the project and helped the team in building applications as per the business Requirements.
* Designed user interface screens and implemented application logic in Microsoft .NET frame-work using ASP.NET 4.0, C# and JavaScript
* Used Html and CSS in Design Enhancements.
* Involved in writing Business logic Using WebAPI, Entity Framework. And LINQ.
* Involved in architecture of the project and helped the team in building applications as per the business Requirements.
* Involved in checking the code using GitHub and source tree in the Repository.
* Written Custom Widgets using jQuery.
* Developed ADO.Net based data access layer against SQL Server Database.
* Worked extensively on the state management and page rendering techniques.
* Extensively worked with the Lambda expressions and LINQ expressions to process large data.
* Involved in Database design and working with the tables, procedures.
* Worked on the unit test cases using xUnit for the API implementations in the system.
* Worked on GIT for the codebase management.

**Environment**: C#, ASP.NET, ASP.NET MVC, Visual Studio, SQL Server, Git, GitHub, Postman, Microsoft, visual studio, Vs Code, TFS, HTTPS, JSON, Skype.

**Client: DATADOT SOLUTIONS**

**Duration: Nov 2013 – March 2016**

**Role: Web Developer**

**Project Description:**

Project is a web application that provides information about the company. Data dot is a global Information Technology Services and staffing company. It provides a full range of IT and staffing services to small, medium businesses to large companies with customer’s ease and cost benefits.

**Responsibilities**:

* Worked extensively with Data Adapter, Dataset, Data reader as a part of ADO.NET to access and update databases.
* Extensively used jQuery and Telerik controls like Grid, Combo box, File Upload, Menu and several other controls
* Performance optimization of SQL Server stored procedures.
* Restricting permissions to the web pages based on the roles available in the system and adding new roles if required.
* Writing queries to retrieve data using different kinds of joins, where clause and various operators to get the required result sets.
* Working with SQL Server Database design, Database maintenance, writing queries, Creating Views, Stored procedures, and functions using SQL Server 2008.
* Performed Unit testing using N-Unit Framework by writing the Automated test cases
* To persist and transfer data between pages Session State, View State, Cookies and Query Strings were developed and used
* Analysed user requirements and involved in design, development, testing and implementation.
* Used N-Tier Architecture while building ASP.NET application with Presentation Layer, Business Layer and Data Access Layer
* Followed WaterFall methodology
* Used JavaScript for validating data.
* Used user controls for various modules.
* Used Html and CSS to design web pages.
* Deploying source code on production server.

**Environment**:

C#, ASP.NET, Visual Studio, SQL Server, Microsoft visual studio.