**Thiru**

**.Net Developer**

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**Career Summary**

* Having 9 year of experience as a Full stack Dotnet Developer with increasing responsibilities involving Analysis, Implementation, Client/Server and enterprise applications using Dotnet, dotnet Core 3, Azure, Azure DevOps, React JS, Angular, Telerik, MVC, ASP.NET MVC, C#. NET, MVC.
* Experience in working with .NET Core 5.0/6.0, C#, ASP.NET MVC 5.0, WEB API, .NET Framework technologies.
* Extensively used Bootstrap for customization of web application and developed and designed Ajax based Prototype, JavaScript, JQuery and AJAX based UI framework.
* Design and develop user interfaces for Windows desktop applications using WinForms.
* Extensive Experience in ASP.Net Web API 2.0 Controllers that involved in implementation of service layer components and data object layer components using MVC5.0/4.0.
* Excellent working experience on n-Tier and layered architecture, Service Oriented Apps, Load Balancing, Session Management, Web farm applications and Single Page Applications (SPA).
* Worked on Database Connectivity with ORM technologies like and Entity Framework to work with relational data using domain-specific objects.
* Extensively used Bootstrap for customization of web applications and developed and designed Ajax based Prototype, JavaScript, JQuery, and AJAX based UI framework.
* Good knowledge on HTML and CSS.
* Experience in developing N-Tier architecture using Data Access Layer (DAL), Business Logic Layer (BLL), Presentation Layer (PL), and Model View Controller (MVC).
* Good understanding and working knowledge on OOP's Concepts.
* Excellent teamwork by developing and maintaining strong positive relationships with staff and management.
* Good working knowledge on SonarLint for maintaining the code standards.
* Excellent teamwork by developing and maintaining strong positive relationships with staff and management.
* Good skills on Error Detection and Bug Fixings.

***Technical Skills:***

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| --- | --- |
| **.NET Technologies** | ASP.NET 5.0/4.5/4.0/3.5, ASP.NET MVC 5.0/4.0, ADO.NET, Web forms, Rest API, Web Services, LINQ, LINQ to XML, LINQ to ENTITIES, EF, Visual Studio 2019/2017/2015 |
| **Languages** | C#, PL/SQL, T-SQL. |
| **Scripting Languages** | JavaScript, JQuery, React JS, Angular |
| **Web Technologies** | HTML, CSS3, XML, XSL, XSLT, IIS, Bootstrap |
| **Operating Systems** | Windows 7/10 |
| **Databases** | SQL Server 2017/2012/2008/2005, My SQL, Oracle 19c |
| **Protocols** | SOAP, TCP/IP, HTTP, FTP. |
| **Web Services** | XML, WSDL, SOAP, JSON, WEB API |
| **Report Tools** | SQL Server Reporting Services (SSRS), SSIS, Crystal Reports |
| **Version Control Tools** | TFS, GitHub, |

**Professional Experience:**

**Client: Tachyon Technologies LLC / COX Communications June 2023 – Till Date**

**Role: .NET Lead Developer**

**Project Description: CSWS**

Cox Communications is a service provider where they provide Broadband, IoT, and Mobiles etc. To manage these actions there is an application that automates the entire process. CSWS is one module where it handles the logic to validate the end user request.

**Responsibilities:**

* As a team lead coordinating the team members to achieve the task get complete in a Sprint
* Followed Agile Methodology. Developed C#, XML and JSON based WCF services and Web API services and consumed Web Services, WCF Services for interacting with other applications within the organization.
* Created various Restful services using WEB API 2 to return serialized JSON data.
* Created and modified Layout, HTML5, XML, and CSS3 according to business requests.
* Created new database objects like Stored Procedures, Triggers, Indexes, and Views using Transact-SQL (T-SQL) in development and production environment using SQL Server 2016.
* Used Report Wizard, Report Builder, and Report Manager to develop, deploy, and maintain reports in SQL and Crystal Reporting Services.
* Developed test-driven development (TDD) strategy guiding use of the NUnit and Moq testing framework.
* Used Team Foundation Server (TFS) for Source Code Control, project related document sharing and team collaboration.
* Used LINQ to SQL and Lambda Expression for performing the searching, sorting, data retrieval and data filtration.
* Used the Unit of Work and repository pattern for access to database data, thus making testing easier.
* Design, develop, & build modules using React & Redux consuming the payloads received from Web API Core.
* Experience in using React components, Forms, Events, Keys, & Router, plus Redux, and Animations concepts.
* Used C# for construction of business logic for developing various abstract classes, interfaces, and classes.
* Used Dependency injection for injecting various Angular services to Angular Controllers to enable AJAX calls.
* Used ASP.NET MVC design pattern to maintain less master page and more partial views to avoid the delays in page rendering.
* Manage the code base using GIT code repositories and branches based on branching strategy.
* Actively managed the role of Production Support to fix the application issues on time.

**Environment:** Windows-10, VS 2019, SQL, ASP.Net, C#, HTML5, BOOTSTRAP, JQUERY, .Net Core, MVC, WCF, WPF, API, XML, SSRS, JSON**.**

**Client: HCL Technologies/ VOLVO May 2022 – June 2023**

**Role: .NET Lead Developer**

**Project Description: VEHCILE SALES SYSTEM (VSS)**

VSS is web-based application that helps the sales team to track and book vehicles based on the customer requirement. This is the application deals with orders that were placed across the world where the application being used. This will take the order from the customer and make validations and sends the request to Factory for the manufacture. There were multiple applications communicating to deliver the order to End Customer. VSS will communicate with the up and downstream applications using Queue configurations in XML format to fulfill the order. To validate the order and to identify the good and bad order VSS is using RULE Engine. WEB APIs were integrated in this application to send and get the response between the applications.

**Responsibilities:**

* As a team lead coordinating the team members to achieve the task get complete in a Sprint
* Followed Agile Methodology. Developed C#, XML and JSON based WCF services and Web API services and consumed Web Services, WCF Services for interacting with other applications within the organization.
* Extensively used React JS, Bootstrap which includes a deep understanding of the DOM, JSON, object-oriented Typescript.
* Used the Unit of Work and repository pattern for access to database data, thus making testing easier.
* Design, develop, & build modules using React & Redux consuming the payloads received from Web API Core.
* Experience in using React components, Forms, Events, Keys, & Router, plus Redux, and Animations concepts.
* Used MVVM architecture to implement UI using React JS.
* Used C# for construction of business logic for developing various abstract classes, interfaces, and classes.
* Used Dependency injection for injecting various Angular services to Angular Controllers to enable AJAX calls.
* Created various Restful services using WEB API 2 to return serialized JSON data.
* Created and modified Layout, HTML5, XML, and CSS3 according to business requests.
* Created new database objects like Stored Procedures, Triggers, Indexes, and Views using Transact-SQL (T-SQL) in development and production environment using SQL Server 2016.
* Used Report Wizard, Report Builder, and Report Manager to develop, deploy, and maintain reports in SQL and Crystal Reporting Services.
* Developed test-driven development (TDD) strategy guiding use of the NUnit and Moq testing framework.
* Used Team Foundation Server (TFS) for Source Code Control, project related document sharing and team collaboration.
* Used LINQ to SQL and Lambda Expression for performing the searching, sorting, data retrieval and data filtration.
* Used ASP.NET MVC design pattern to maintain less master page and more partial views to avoid the delays in page rendering.
* Manage the code base using GIT code repositories and branches based on branching strategy.
* Actively managed the role of Production Support to fix the application issues on time.

**Environment:** Windows-10, VS 2019, SQL, ASP.Net, C#, HTML5, BOOTSTRAP, JQUERY, .Net Core, MVC, WCF, WPF, API, XML, SSRS, JSON**.**

**Client: Wipro Limited / DELL EMC Sep 2019 – Apr 2022**

**Job Title: Senior .Net Developer**

**Description:** OFS is internal web-application only for Dell EMC users. This application deals with orders that were placed at Dell site. This will take the order from the customer and make validations and sends the request to Factory for the manufacture. There were multiple applications communicating to deliver the order to End Customer. OFS will communicate with the up and downstream applications using Queue configurations in XML format. To validate the order and to identify the good and bad order OFS is using RULE Engine. WEB APIs were integrated in this application to send and get the response between the applications.

**Responsibilities:**

* Involved in writing WEB API using .NET Core and deployed into PCF (Pivotal Cloud Foundry)
* Involved in project’s Responsive Web Designing using HTML5, Bootstrap and CSS3 based on the requirement from business team.
* Working on enhancing and adding new features to Reacts UI components.
* Implementing Ajax Controls for partial page updates and to decrease the response time on the pages.
* Working with JavaScript to implement back-end functionality for React UI components.
* Working with Material UI libraries to create dynamic responsive React UI forms.
* Designed and worked on UI using Bootstrap and ReactJs.
* Involved in Bug fixing and implementing new enhancements.
* Followed Agile Methodology Used [ADO.NET](http://ado.net/) and its components Data Reader, Dataset, Connection and Data Adapter to access the SQL database.
* Worked with .NET Server controls, Web User Controls, Data Grid Web Control, Form validation controls and custom controls.
* Developed presentation layer using Server-controls, HTML Controls, User Controls and Custom Controls
* Implemented and extensively used the Object-Oriented programming concepts in C# and ASP. Net. Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
* Developed the data layer class using Microsoft Entity Framework and LINQ queries which is reusable for data transactions of entire project
* Involved in object-oriented analysis, design and implementation by evolving web services.
* Used forms authentication in the Asp.net web pages for authentication users against their credentials.
* Involved in the unit testing of all modules and closely interacted with the QA team.
* Used TFS (Team Foundation Server) for source control.  Involved in Unit testing, bug fixing and User acceptance testing.

**Environment:** Windows-10, VS 2019, Oracle 19C, ASP.Net, C#, Azure, SSRS, SSIS,HTML5, BOOTSTRAP, JQUERY, .Net Core, XML, JSON.

**Client: Cap Gemini / Volvo Group Dec 2018 – Aug 2019**

**Job Title: Senior .NET Developer**

**Description:** VGAC is internal web-application only for Volvo Group users which provides the access to all other Volvo web-applications. It is a kind of integration of all the applications that were available, through with the user can generate **reports** and can access the blueprint of the functional flow inside the Volvo Group industry.

**Responsibilities:**

* Used Razor MVC framework to develop razor views with strongly typed view models, helpers and partial views.
* Consumed Web Services, WEB API Services for interacting with other applications within the organization.
* User Interface modules are developed using ASP.net, ADO.Net, C# and JavaScript.
* Used C# for construction of business logic for developing various abstract classes, interfaces and classes.
* Create and modify the database schema, Tables, Stored Procedure, DDL/DML Triggers, Views, User defined data types, effective functions, Cursors and Indexes using T-SQL.
* Publish and update the nuget packages and converted package config to package references using Visual studio 17
* Used Entity Framework as object-relational mapper (O/RM) to work with databases using .net objects.
* Fixed the Veracode issues like Sql Injection, Directory Traversal.
* Finding the root cause for the issues in the application that are raised by the operation’s team during User Acceptance Testing (UAT) and fixing it according to functionality of the application.
* Created web services using Web API and tested using Fiddler, postman.

**Environment/Technologies:** Windows-10, VS 2015, SQL SERVER 2014, ASP.NET MVC 5.0, C#, HTML5, BOOTSTRAP, JQUERY, KENDO JS, WEB API 2.0, XML, JSON.

**Client: Launch Ship Technology Solution Pvt Ltd Apr 2017 – Nov 2018**

**Job Title: .NET Developer**

**Description:** The CIP (Case Information Provision) tool is a web application which is internal project tool used to check the assigned cases to the production support team. Salesforce Desk tool provides WEB APIs to check the cases. We integrated the WEB APIs provided and allowed end-user to view the case details. As the Salesforce site allows only the licensed user to view the details, we developed this tool.

**Responsibilities:**

* Involved in development and project architecture
* Involved in project’s Responsive Web Designing using HTML5, Bootstrap and CSS3
* Involved in writing stored procedures, LINQ queries and WEB API integrations
* Involved in Bug fixing and implementing new enhancements
* Followed Agile Methodology
* User Interface modules are developed using ASP.net, ADO.Net, C# and JavaScript.
* Used C# for construction of business logic for developing various abstract classes, interfaces and classes.
* Create and modify the database schema, Tables, Stored Procedure, DDL/DML Triggers, Views, User defined data types, effective functions, Cursors and Indexes using T-SQL.
* Publish and update the Nuget packages and converted package config to package references using Visual studio 17
* Used Entity Framework as object-relational mapper (O/RM) to work with databases using .net objects.
* Fixed the Vera code issues like Sql Injection, Directory Traversal.
* Finding the root cause for the issues in the application that are raised by the operation’s team during User Acceptance Testing (UAT) and fixing it according to functionality of the application.
* Created web services using Web API and tested using Fiddler, postman.
* Worked on Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Utilized LINQ to Entities extensively for data retrieving, Querying, grouping, storing and manipulation.

**Environment/Technologies:** Windows-10/ VS 2015, SQL SERVER 2012, ASP.NET MVC 5.0, C#, HTML5, BOOTSTRAP, JQUERY, JSON.

**Client: LaunchShip Technology Solution Pvt Ltd / GOOGLE Apr 2017 – Nov 2018**

**Job Title: .NET Developer**

**Description:** The Smart Track is Vendor Management System which is useful to maintain the relationship between Employee, Supplier, and the Employer. This project had mainly three roles as Employee, Supplier and Employer where Employer opens his/her requirement to the supplier and supplier chooses the employee with respective factors. In this the Employee contract details and Timesheet, Invoice related details were also maintained.

**Responsibilities:**

* Worked on Agile Methodology with the team.
* Involved in project’s Responsive Web Designing using HTML5, Bootstrap and CSS3
* Involved in writing stored procedures, views
* Involved in Bug fixing and implementing new enhancements
* Involved in fixing production bugs.

**Environment/Technologies:** Windows-7/10, VS 2015, SQL SERVER 2014, ASP.NET MVC 5.0, C#, VB.NET, HTML5, BOOTSTRAP, JQUERY, JSON.

**Client: iTreen Data and Systems India Pvt Ltd/ Government of Bihar Apr 2016 – Mar 2017**

**Job Title: .NET Developer**

**Project: BIHAR STUDENT CREDIT CARD SCHEME**

**Description:** Bihar Government initiated to provide Loan for students who passed their 10+2 course to pursue graduation course through-out India. In this Project we had one module that to verify the student details. We are developing an interface for mediators who will initiate the verification process. This interface provides different features based on the logged-in user role. A console job is included to read the student files from FTP location and send back an acknowledgement. Another console job is to upload verified reports into FTP location.

**Responsibilities:**

* Involved in development and analysis of the requirements with Cordova Architecture.
* Involved in project’s Responsive Web Designing using HTML5, Bootstrap and CSS3
* Involved in developing console application with C# to integrate this to a windows service job to fetch the files from FTP location and to place back the respective files.
* Used N-Tier architecture with interface classes.
* Involved in writing WEB API code logic.
* Involved in Bug fixing and implementing new enhancements.
* Writing test cases.
* Followed Agile Methodology.

**Environment/Technologies:** Windows 7/8, Web-API, Cordova Architecture, MySQL, Visual Studio 2015, Bootstrap, HTML5, JQuery, LINQ, CSS3, EF

**Company: iTreen Data and Systems India Pvt Ltd Aug 2015 – Mar 2016**

**Client PSK INFRASTRUCTURE AND PROJECTS PVT LTD**

**Job Title: .NET Developer**

**Project Title DOCUMENT MAINTENANCE**

**Description:** Document Maintenance is web-based application that is developed for a construction company. Through this application the user can write and save the letters that communicate with other users. The user can save documents of all types and can view based on search criteria. Document tracking is provided, that helps the user to track the previous letters that are saved. Added bootstrap data-table styles to ASP grid-view to give more features to the grid-view. User-controls are used to reduce the code size.

**Responsibilities**:

* Involved in requirements gathering and analysis phase
* Involved in project design module
* Involved in creating database and used stored procedures
* Used Microsoft Practice Library to set the database connectivity
* Writing test cases and automated Unit testing
* Involved in Responsive web designing using Bootstrap, CSS3

**Environment/Technologies:** Windows 7/8, MySQL, Visual Studio 2015, Bootstrap, HTML5, JQuery, LINQ, CSS3, EF, ADO.NET, C#

**Client: iTreen Data and Systems India Pvt Ltd Mar 2014 – Jun 2015**

**PSK INFRASTRUCTURE AND PROJECTS PVT LTD**

**Job Title: .NET Developer**

**Description:** This website helps to manage packages and turnover of each package. There are mainly three modules in this project i.e., Package, Turnover and Admin. There are two types of user roles that restrict the operations on modules based on that role. The user can add, view, and generate the turnover report for the packages added.

**Responsibilities:**

* Involved in requirements gathering and analysis phase.
* Involved in project design module.
* Involved in creating database and used EF with LINQtoSQL.
* Writing test cases and automated Unit testing.
* Involved in Responsive web designing.
* Used Form-Validation 3rd party JS for adding dynamic form-controls like Textboxes and their validations.

**Environment/Technologies:** Windows 7/8, MySQL, Visual Studio 2015, Bootstrap, HTML5, JQuery, LINQ, CSS3, EF, ADO.NET, C#