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| **RaviKumar V****(713) 565-1333****naveen@c4iusa.com** | E:\Azure-Certifications\azure-solutions-architect-expert-600x600.png |

**PROFESSIONAL SUMMARY**

* Experienced Application Architect with over 12+ years of designing and implementing complex software solutions.
* Skilled in project development, system integration, and optimizing performance. Proven track record of delivering successful projects on time and within budget.11 years of experience in .NET Technologies developing web applications using .NET Core, .NET framework , ASP.NET MVC , C#, EF Core, Angular, Power BI, Microservices architecture and Domain Driven Design (DDD).8 years of experience in Azure Paas and IPaas using Azure App services, Function Apps , Web jobs, Batch jobs, Storage Accounts, Service Bus, Sendgrid , APIM . App Configuration (Feature flag).Involved in creating CI/CD pipelines using Azure devops.
* Experience in Azure Paas where involved in .Net application deployments using Azure App services, Embedded Power BI reports into web application by granting resource access from Azure AD, Created Azure WebJobs, Azure Batch Jobs and also Implemented Timer Trigger functions using Azure FunctionApps.
* Experienced in all phases of software development life cycle (SDLC) - Project Analysis, Requirements, Design, Development, Testing, Documentation and Deployment and in Windows Client/Server Environment.
* Extensive Experience with Microsoft Technologies like ASP.Net (Web Forms), ASP.Net MVC, Silverlight, WCF, Web services, ADO.Net, ADO.Net Entity Framework, WPF, JavaScript, jQuery, and SQL Server.
* VB.NET, Web Services, Confidential, WPF, Web API, Silverlight 4.0/3.0, LINQ, Entity Framework, IIS, Java Script, Visual Studio.
* Involved in Implementing Azure Send grid services to send Email notifications.
* Involved in creating CI/CD pipelines using Azure Devops.
* Developed Power bi reports using Power bi desktop tool.
* Developed architecture to communicate Azure resources like Azure Storage accounts, Azure FunctionApps..
* Strong skills in Objective Oriented Programming, Service Oriented Programming using .Net Technologies.
* Experience with Azure including Azure Service Bus for sending message across cross platform applications.
* Experience in deploying web applications using Microsoft Azure.
* Strong knowledge in development of software systems using Microsoft .NET frameworks 3.0, 3.5, 4 and 4.5 including Git, WCF and MVC design pattern.
* working with .NET 6, such as C# 10, ASP.NET Core, Blazor, and Entity Framework.ASP.NET, C++, ADO.NET, MVC, AJAX, VB.NET, Java Script, WEB services, Web API, HTML, CSS, WCF, WPF
* Good experience in developing reports using Crystal Report 8.0/9.1/9.2 & Actuate Report 8.0/9.0 with backend development of T-SQL, PL/SQL packages, stored procedures, functions and Couchbase.
* Excellent in writing the Client-Side Scripting Functionality using JavaScript, and jQuery implementing rules on the client to save the round trip to the server, implementing the client-side events, Generating the Dynamic HTML, and so on.
* Expertise in integrating Perl with other technologies, to build powerful and scalable applications.
* Experience in integrating UI with Blazor technology.
* Developed Single Page Applications (SPA) using JavaScript Framework Angular, jQuery, Blazor Web Assembly and Bootstrap CSS.
* Extensive experience in implementing authentication and authorization solutions using Azure Active Directory for web applications and API.
* VB6 Application Development Application interface background process VB6 DLL development VB6 interfaces for .Net DLL.
* Experience in Designing and developing reusable UI Components by creating Web User Controls, Custom Controls, and Master Pages in ASP.Net.
* Expertise in modern web architecture using various advanced JavaScript frameworks and libraries like Angular.js, Node.js, React.js/Redux, React Native, Bootstrap, Ember.js, Responsive web design (RWD).
* Experience in creating buckets in Couchbase Server and inserting the JSON ’s into the buckets.
* Knowledge of VSTO in generating reports in MS- Word and MS-Excel.
* Knowledge in Azure Compute services, Web Apps, Azure Networking, load balancing, and Azure IAM.
* Experience working with Dockers and System design.
* POC on Integration of Azure Open AI services (Generative AI Models) using .Net Open AI SDK.

**ACCOMPLISHMENTS**

* Demonstrated superlative Technical skills by leading projects to introduce Azure Cloud Services at Various Clients including planning, Cloud Strategy,Level of Effort, POC and implementation of Various Onprem to Cloud Migrations.. Collaborated with management and Azure solution/network architects to determine design, scope, strategy for execution.
* Developed scalable and reliable application architectures using a combination of .NET Core, Azure, and microservices, resulting in a 40% improvement in application response times.
* Led the design and implementation of cloud-based solutions on Microsoft Azure, integrating services like Azure Functions, Logic Apps, and Azure SQL Database.
* Spearheaded the migration of a monolithic application to a microservices architecture using Azure Kubernetes Service (AKS), reducing application latency by 40% and improving response times by 35%.
* Implemented Azure Autoscale for a high-traffic e-commerce application, enabling automatic scaling of resources based on demand, resulting in a 30% improvement in scalability and a 25% reduction in infrastructure costs.
* Implemented Azure Security Center and Azure Policy to enforce security best practices, resulting in a 90% reduction in security vulnerabilities and compliance with industry regulations.
* Established a CI/CD pipeline using Azure DevOps, reducing application deployment times by 60% and enabling more frequent releases with improved quality.
* Integrated Azure Application Insights to monitor application performance and user behavior, allowing for targeted optimizations that improved user satisfaction scores by 25%.
* Conducted regular code reviews and design sessions, ensuring adherence to best practices and architectural guidelines.
* Led the development of a comprehensive monitoring and logging system with Azure Monitor and Application Insights, enhancing system reliability and reducing downtime.
* Conducted POC on Generative AI to integrate Chat GPT using .Net Open AI SDK for Text summarization , Vision(Image extraction), Azure Cognitive services , Azure AI Document Intelligence, Form Recognizer.

**CORE COMPETENCIES**

.Net ~ Web App development ~ Azure ~ Asp.Net web Api ~ Asp.Net MVC ~ ASP.Net Core ~ Entity Framework ~ ADO.Net ~ React ~ Sql Server ~ C# ~ Microservies ~ DDD(Domain driven design) ~ Design Patterns ~ IT Cost Optimization ~ Project Management/Planning ~ Application Development/Support ~ Fully-integrated Enterprise Cloud Solutions ~ Database (DB) Design ~ Sales Growth/Integration ~

Budgeting/Cost Controls ~ Cloud Migrations ~ Complex Problem Solving/Decision Making ~ Team Building/Leadership ~ Design ~ Power BI Reporting ~ Windows/SQL Server Administration. ~ Ansible ~Terraform ~ Azure Devops ~ Dockers ~ AKS .

**CLOUD COMPETENCIES**

Azure App services ~ Function Apps ~ Blob Storage ~ Queue Storage ~ Table Storage ~ Azure Active Directory ~ Service Bus ~ Event Bus ~ Event Grid ~ Send Grid ~ RabbitMQ ~ Azure Sql Server ~ Web Jobs ~ Batch Jobs ~ API Gateways ~ ExpressRoute ~ APIM ~ Isolated Worker ~ Logic Apps ~ ACR(Containerization) ~ Azure Kubernetes Service (AKS) ~ App Insights ~ App Service Plan ~ Redis Cache ~ KeyValut ~ Networking ~ VNET ~ Azure Sentinel ~ Send Grid ~ Azure Generative AI ~ ChatGPT integration using .Net ~ Azure Cognitive Services ~ Azure Open AI Services and many more Azure services.

**CERTIFICATIONS**

* Microsoft certified Azure Solutions Architect Expert

**EDUCATION**

* Bachelors in Information Technology from JNTU (2012) – India

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Programming Languages** | C++, C#5.0/4.0/3.0/2.0, VB.NET, VB6, ASP.NET, T-SQL, PL/SQL 2005, COBAL, Visual Basic 6.0, T-SQL, PL/SQL 2005 |
| **Scripting Languages** | React JS, Node JS, JavaScript, JSON, XSLT, jQuery UI, Knockout JS, Express JS, Type Script, Angular 1.x JS, Angular 2/4/6/7/8/9/13 |
| **Web Technologies** | .NET Framework 4.5/4.0/3.5/3.0/2.0/1.x, ASP.NET, MVC3.0/4.0/5.0, Web API, Silverlight 5.0/4.0/3.0, ASP.Net Ajax 3.0/2.0, JavaScript, JQuery, Angular JS 2.0, VueJs, Sharepoint, Entity Framework |
| **Xml Technologies** | XAML, XML, XDOCUMENT, XSLT, XPATH, XSL, DOM, DTD, Schema. |
| **UI Technologies** | Win Forms, WPF, WCF, ASP.NET Web Forms |
| **IDE Tools** | VS 2015/2013/2012/2010, SQL Server Management Studio |
| **ETL Tools** | SQL Server Integration services (SSIS 2012), Data Transformation Services (DTS) |
| **Databases** | MS SQL SERVER 2012/2010/2008/2005, /SQL MS Access 2010/2007/2003, Oracle 10g/9i/8i, Visual Source Safe(VSS),Team Foundation Server, IIS, Postgres, AWS |
| **Operating Systems** | Windows 2000/XP/7/8, MS DOS, UNIX GUI, Linux |
| **ORM** | Entity Framework, N hibernate |
| **Modelling Tools** | UML, MS Visio 2010/2007  |
| **Reporting Tools** | SQL Server Reporting Services (SSRS), RDLC, Crystal Reports, DB2 , Microsoft-Office, Microsoft Visio, Sql Server Reporting Services (SSRS 2005/2008) ,  |
| **Servers** | Windows Server 2008/NT, Microsoft IIS (7.5, 7.0/6.0/5.0/4.0) |
| **Middleware** | WCF, ADO.NET4.0/3.5/3.0/2.0, MSMQ, Web Services, Enterprise Library 4.1/3.1 |
| **Scripting Technologies** | VB Script, JQuery, AngularJS, JSON. |
| **Version Control Tools** | Visual SourceSafe2005, Subversion, Test Driven Development (TDD), Team Foundation Server 2010/2008, SharePoint 07/10/13 |
| **Cloud / Devops** | Azure, Jenkins, Kubernetes, Docker, Generative AI |

**PROFESSIONAL EXPERIENCE**

**Client: Deloitte USA – Nashville, TN Mar 2023 – Present**

**Role: Lead .Net Developer**

**Project title: DNAV**

**Description**:

DNAV is a cloud-based solution that combines automation, data management, audit routines, and visualization of data. It enables a secure, efficient, and high-quality audit process that adds value and ensures that the auditor and those charged with governance can focus on what matters.

**Responsibilities:**

* Leading architect group in offshore.
* Providing solution designing, and estimates.
* Interacting with Audit/Engagement team on requirements and issues.
* Mentoring offshore team, code reviews, Unit Testing, Build and Deployment Automation
* Interacted with business analysts and worked on the application specifications to develop detailed functional, technical design, and test specifications that fully satisfy business requirements.
* Had a good experience in Microsoft Azure, PL/SQL Service Bus.
* Good experience working on Responsive UI using HTML, CSS, and Bootstrap, Microsoft Azure, PL/SQLService Bus.
* Created new azure functions which uses HTTP, azure service bus, cosmos, timer triggers.
* Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files, and Managed releases of Helm packages.
* Developed Data access layer using ADO .net Objects and C#, PowerShell and CICD pipelines.
* Hands-On .NET Backend Development with SQL Database Queries Strong.
* Hands-On Database Read / Write Operations, File and Buffer / Stream Handling Functions Strong.
* Used Entity Framework to create entities in Data Access Layer.
* Created and manipulated large data using azure factories (pipelines, dataflows) to process data to business partners.
* Created SQL queries, Stored procedures, Views, and Triggers, and implemented SQL queries in c#
* Developed the win forms and web applications for the Duplicate Detection toll using Asp.Net, C#, MVC 5, and .Net Core 4.7.0.
* Hands-on experience in Azure Cloud Services Paas, Web Apps, Blob Storage Application Insights, and Logic Apps.
* Started to use Azure Cloud Services and continuous integration (CI) with the cloud database.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Used Azure Application Insights to monitor application performance, diagnose issues and improve performance and usability.
* Deploying applications to cloud services using Microsoft AZURE.
* Used ASP.NET Master Pages, jQuery, HTML, and CSS for designing UI.
* Performed Code review and Unit testing using NUnit testing, MST, and MOQ for quality code.
* Involved in AGILE Methodology for the software development process. Used SQL Profiler for capturing the database calla fired from the top layer.
* Used Azure Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers.
* Worked on Visual Studio 2017 / .Net CORE 4.6 Framework to implement Business Logic.
* Used React JS for creating reusable components like multi-field form elements, and background file uploads.
* Worked on different aspects of the .NET framework, like ASP.NET 2.0/3.0, ADO.NET, and C#.
* Involved in designing User interfaces with CSS, HTML, and DHTML.
* The application was developed under ASP.NET MVC architecture. Used AJAX Library, CSS, JavaScript, and various web controls to present data to users in a much more comfortable environment.
* Used various ASP.NET 4.0/4.5 web server controls that included Site Map Path, Menu, Tree View, Grid View, and Details View to develop web forms.
* Worked on Visual Studio 2015/ .Net CORE 1.0 Framework to implement Business Logic.

**Client: AG Insurance Jul 2021 – Mar 2023**

**Role: Lead .Net Developer**

**Implementation: TCS**

**#1 Project title: FS Application**

**Description**:

FS application is a fund management system of AG insurance where employer insurance bulk liquid cash will be added/deposited into various funds which managed by AG core business team, again these funds will be invested in market and manages the accounts.

**Responsibilities:**

* Lead 6 members team and took complete responsibility in delivering from offshore.
* Providing solution designing, and estimates.
* Interacting with Client users on requirements and issues.
* Mentoring offshore team, code reviews, Unit Testing, Build and Deployment Automation
* Gathering/Analyzing and Involved in client meetings of Customer requirements and understanding SDLC Life Cycle.
* Provide support for business and functional acceptance testing which involves ensuring technical specifications meet business requirements.
* Integrated Azure Key Vault into CI/CD pipelines to automate the deployment and management of secrets in a secure and scalable manner.
* Involved in developing Asynchronous Web service calls using Azure cloud Components such as Service Bus, Event Hubs, Queues, Subscriptions and Topics for connecting across different services and applications.
* Develop backend business logic/Server-side applications using C# language in .NET Framework 4.7 and .NET Core 2.2.
* Involved in migrating an application from .net MVC to Angular9 and WEB API as backend.
* Developed Data Access Layer of C# web applications using Microsoft Entity Framework Database First approach.
* Conducted regular audits and key rotation procedures to maintain a high level of security and compliance within the Azure Key Vault environment.
* Design implemented and deployed existing Azure Cloud (AzureServiceManagement) applications to Azure Cloud (AazureResourseManagement) using power sell scripts. Applied DNS mapping for Webapp’ s and integrated deployed APi’s to azure API management.
* Responsible of handling production support on azure applications.
* Implementing Test-Driven Development (TDD) and Behavior-Driven Development (BDD) techniques to support production code.
* Implementing solutions leveraging Azure storage solutions such as Blob, Tables, and SQL Azure.
* Building highly scalable and reliable cloud services leveraging Web and Worker roles, Service Bus and Event Hub and other PAAS components in Azure.
* Follow Day to Day Tasks on the agile development.

**#Project-2**

**Client: Shell Global**

**Project title: DPSOM**

**Role:   Technology Architect**

**Description**:

DPSOM is a digital platform support project which maintains a repository for own shell applications and provides complete information of services used by different applications in shell.

**Responsibilities:**

* Lead 15 members team and took complete responsibility in delivering from offshore.
* Involved in development and support.
* Interacting with Client users on requirements and issues.
* Worked on development using ASP.NET Core, Razor Pages, Themes, Web Parts and JavaScript.
* Also involved in proof-of-concept using ASP.NET Model-View-Controller, MVC pattern, Repository pattern.
* Used ADO.NET for database connectivity, storage, and retrieval of the data on SQL Server.
* Implemented .Net Core Entity Framework and well versed with add and remove migrations.
* Implemented Authentication and Authentication using Microsoft .Net Core Identity.
* Converted .Net application to Microsoft Azure Cloud Service Project as a part of cloud deployment.
* Worked on lift & shift migration of on-premises legacy applications to Azure.
* Leveraged Azure Migrate tool to assess the existing on-prem Infrastructure for Server compatibility and cost estimation.
* Defined and created master ARM templates for all the Azure services.
* Implemented Azure Data factory, Storage Account and Linked service to load the Data from various sources to the Azure SQL Server.
* Wrote libraries that are used across other legacy applications. Upgraded projects from VB.NET and .NET Framework to .Net Core.
* Worked on Cloud Databases and Data warehouses (SQL Azure).

**Client: PWC - USA Jun 2018 – Jul 2021**

**Implementation: Infosys**

**Role: Lead Azure .Net Developer**

**Project**: **Indirect Tax Edge**

**Description**:

Indirect tax edge provides a solution to manage state and local tax in order to avoid late filings and applies rules based on City/County level. Due to cost of compliance, financial penalties and reputational risk. This can be caused by lack of visibility and control around indirect tax compliance - late filings, late payment of VAT/GST, late registration, incorrect postings on returns, increased tax authority audit and scrutiny.

**Responsibilities:**

* Lead 13 members team and took complete responsibility in delivering from offshore.
* Involved in development and support.
* Used Angular bootstrap UI Control throughout the project.
* Involved mainly in Azure cloud migration from on-premise.
* Developed architecture to connect azure and use azure resources (Storage accounts, Function Apps, batch accounts and Cosmos Db)
* Developed Power BI Reports using power bi desktop and embedded it in Web application.
* Developed and Designed html pages (views), controllers, models.
* Documentation.
* Developed Stored Procedures for Client Service and Classes.
* Interacting with Client on requirements and issues.
* Responsible for Designing coding and implementing applications using C#.
* Responsible and active in the analysis, definition, design, implementation, management, maintenance, and deployment of full software development life cycle (SDLC) projects.
* Extensively used multi-Threading for fetching data from web services using C#.
* Developing client displays and user interface using React.
* Responsible for coding the web application using C#.Net by following layered architecture and ADO.NET.
* Responsible for completing SonarQube-related PEER requests from application teams for upgrades and enhancements.
* Created ASP.NET MVC app with EF using a code-first approach.
* Conducting design and code walk through with the team. Implementing Road Map, Defining and building best Practices for .NET Application Development. Defining the logical, technical, and physical architecture of the .NET Application implementation.
* Designed and implemented the application using Microservice Architecture for its various distinct advantages like loose coupling and design patterns.
* Developing the application using .NET 4.5, MS Visual Studio 2019, MVC 4.0, Razor View Engine, C# .Net Core, LINQ, AJAX, JavaScript, jQuery, JSON, HTML and CSS, SQL Server 2016, Web API, Angular 7, Angular 8, VB.NET.
* Primarily involved in Data Migration using SQL, SQL Azure, Azure Storage, and Azure Data Factory, SSIS, PowerShell.
* Design and Developed multiple Enterprise reports using SSRS from both OLTP and OLAP databases
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the V Net with Azure Internal Load Balancer.
* Developed library for MVVM applications, significantly improved code maintainability and testability in WPF applications
* Moved existing apps in lower version to Angular 8 components for more responsive and less dependency.
* Worked in using React Js components, Forms, Events, Keys, Router, Animations and Flux concept.
* Key contributor in migrating vast majority of business applications and processes to the cloud (a combination of IaaS, PaaS, and SaaS).

**Client: TelStrat International Sep 2016 Jun 2018**

**Role: Lead Azure .Net Developer**

**Implementation: ValueLabs**

**Project: TelStrat**

**Description**:

TelStrat is a leading provider of call recording, quality, analytics and workforce management solutions.  Designed around telecommunication needs, TelStrat combines call recording, quality, analytics and workforce management solution that improves the quality of customer interaction handling.

**Responsibilities:**

* Involved in development of Administration Module.
* Used Kendo UI Control throughout the project.
* Developed and Designed html pages (views), controllers, models.
* Documentation.
* Developed Stored Procedures for Client Service and Classes.
* Interacting with Client on requirements and issues.
* Designed and developed Web Pages using ASP.Net Core MVC, C#.NET and server controls.
	+ Designed and developed the application according to client requirement using WCF, SOA with the business logic implemented using C#.
	+ Developed and configured Restful API's and ADO.NET Entity Framework for ORM.
	+ Designed the target state architecture with Network, VPN and Firewalls to secure the cloud environment.
	+ Developed reports using complex formulas and to query the database to generate different types of ad-hoc reports using SSRS
	+ Implemented Authentication and Authentication using Microsoft .Net Core Identity.
	+ Converted .Net application to Microsoft Azure Cloud Service Project as a part of cloud deployment.
	+ Worked on lift & shift migration of on-premises legacy applications to Azure.
	+ Leveraged Azure Migrate tool to assess the existing on-prem Infrastructure for Server compatibility and cost estimation.
	+ Wrote libraries that are used across other legacy applications. Upgraded projects from VB.NET and .NET Framework to .Net Core.
	+ Used Git/Azure DevOps for the purpose of version Control and source code maintenance needs.
	+ Involved in testing and deployment and production support of the applications.

**Client: Microsoft Aug 2015 – Sep 2016**

**Implementation: TCS**

**Role: Senior .Net Developer**

**# Project 1: Data Access Platform**

**Description**:

Data access platform is a web application specifically developed for Business intelligence team where Dap deals in getting the source information from various environment like Odata, Azure and local servers and fetches all the source and destination tables information from it which helps Business intelligence team to extract data from it and uses it in PowerBi Reports.

**Responsibilities:**

* Involved in designing core framework which can be used amongst several modules in Dap.
* Involved in creation of user control ease of code readability and reusability.
* Designed and developed web-based software programming applications and components using ASP.Net Core C#, MVC, JavaScript, jQuery, Web API, HTML, CSS, Bootstrap, SQL Server, XML.
* Designed and developed an integrated n-tier web application using C#, WPF, ASP.NET and ADO.NET.
* Worked on writing client-side validations, User Controls, Data Grid Web Controls using jQuery and JavaScript.
* Worked on writing complex Store Procedures, Functions, SQL Queries and Views using SQL Server.
* Implemented Azure Storage, Azure Services and developing Azure Web role.
* Documented the complete design, development process to enable a seamless transition to those who were ready to take over the development process and to assist the end-users who were going to access the application.
* Enhanced the existing web modules to include more functionalities based on the feedback from the Quality Analysis team.
* Developed Stored Procedures.
* Interacting with Client on requirements and issues.

**# Project 2: VSO Data**

**Description**:

VSO(visual studio online) data pull is a project where it deals to fetch data from TFS, Getting hierarchal data of Epics, Features, Userstory and Tasks,  Mainly it uses in powerbi reports.

**Responsibilities:**

* Developed console application.
* Involved in creation of ssis package which loads data from source to destination servers.
* Involved in job scheduling.
* Designed Truckload quoting pricing tool for sales staff to quote and price carrier and customer clients using ASP.NET MVC 5, C#, AngularJS 1.8, JavaScript and jQuery.
* Developed RESTFUL WEB APIs for exposing geospatial applications and also incorporated WordPress Plugins and widgets in accordance to their needs.
* Developed WCF Services, defining Endpoints, Data Contracts, Message Contracts, Bindings, and Transaction management in service layer and Hosting WCF services.
* Worked in Agile/Scrum Environment and participate in Daily Scrum, Sprint Planning, Product Backlog Grooming and Retrospective meetings.
* Wrote Use cases for the solution built and performing Unit Testing using N-Unit and MS-Unit.
* Tracked Defects and fixing bugs found in Regression Testing.

**# Project 3: Visio Tool**

**Description**:

Visio tool mainly creates Visio document, Fetches data from visual studio online and aligns data into it. Basically, it gets used in higher level kick off meetings which reduces 14 to 15 hours of manual work.

**Responsibilities:**

* Developed console application.
* Created Visio document programmatically and fetches data from VSO.
* Used to participate in team meetings with client.
* Gathers requirement from client.
* Due to the demand assigned 4 resources.
* Developed Windows Services to store SQL Server data into Cloud base data warehousing by using Microsoft Azure.
* Developed PowerShell Desired State solution to ensure server compliance in Azure using Azure Automation.
* Experience with strongly typed view models and helpers and partial views using ASP.NET MVC3, HTML5, CSS 3, jQuery, C #, VB, Visual Studio 2019/2017.
* Worked on Cache HTTP requests from both server side and client side using WEB API to the SQL Server storage.
* Implemented security in web applications using Azure and deployed web applications to Azure.
* Enhanced existing systems by analyzing business objectives, preparing an action plan and identifying areas for modification and improvement.
* Programmed ADO.NET for communication between application and database, used extensively Grid views, Data Set, Data Table and Data Adapter to render reports.

**Achievements:** Got several appreciations from client and created patent rights.

**Client: 3i Infotech Jun 2012 – Aug 2015**

**Role: Software Engineer**

**# Project:   Mfundplus (Investment management Solution)**

**Description**:

“MFund Plus” is a powerful web based Integrated Investment Management Solution, catering to various sectors like Life Insurance, General Insurance, Asset Management, Portfolio Management, Fund Accounting and Pension Fund Management.

MFund Plus is a complete solution for Mutual Fund Management solution and which is migration project from existing legacy project is called MFund.This was developed in Power builder and VB 6.0 in to one .Net application where which deals with mFund Fund managers. This project deals with investment management in mutual fund where in fund managers will deal with it.

**Main project features:**

MFundPlus is a multicurrency, mutual funds portfolio accounting, valuation, and performance evaluation system catering to the operational needs of the investment managers, portfolio managers, insurance companies, mutual funds, unit trusts, and investment management companies.

**Responsibilities:**

* Developed Equity and Derivatives modules.
* Understanding the functional specification and design documents.
* Initial phase of development, Prepared program specification based on power builder source code to generate code behind, Business logic and data access layer.
* Involved in designing and developing the web forms using Kendo UI Controls with jQuery and Web methods passing with JSON data exchange format.
* Developed user controls.
* Involved in data base activities like table design, Stored procedures, functions and queries on oracle 11g.
* Involved in execution of unit test.
* Designed and developed Web Pages using ASP.NET MVC, C#.NET, HTML, jQuery, JavaScript, Angular.js, CSS and server controls.
* Maintained uniformity among all web pages in GUI and designed Master Pages and themes.
* Solved tickets raised by business tool customers (User Agents) based on HTML5, CSS3, Bootstrap, JavaScript, jQuery.
* Extensively worked on subroutines for different APIs using Perl, modifying and creating new connections to Database.
* Worked on internal tool which is purely based on PHP.
* Implemented validations and UI design features with Data Annotations, JavaScript and Angular.
* Used Web API 2.0 as the service layer of the applications.
* Used AJAX, JSON with jQuery for request data and response processing.
* Extensively used ASP.Net MVC architecture for the Web application design to have the application layers loosely coupled.
* Authentication and authorization concepts are used for secure sign in module development.
* Integrated with multiple teams to set-up tokens and receive callback APIs for user management.
* Managed the cookies and sessions along with efficient logging.