**SOBANA DURAIRAJ**

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**PROFILE SUMMARY**

* **Having 12 years of experience working with both web-based and windows-based application development** using Microsoft Technologies had experience in design, requirement analysis, software development lifecycle and Production support.
* Extensive experience in developing web application using **Asp.Net, C#, MVC,WCF/Web Service, Web-API,MS SQL Server database, JavaScript, JSON, JQuery,Angular,HTML.**
* Worked on **Microsoft .Net Framework 2.0 and .Net Framework 4.5**
* Extensive experience on design and architectural pattern and principles including **Dependency injection**,**Inversion of control(IOC),Singleton,MVVM and MVC**.
* Have software development exposure via **Waterfall** and **Agile** methodology and have good understanding of the process.
* Experience working in UI development and enrichment using **CSS, HTML and XML**
* Worked on client side scripting languages like **JavaScript, Ajax**
* Hands on Experience on developing Web application using **ASP.net,C#.net**
* Hands on Experience on **Web Services and Web API.**
* Experience working on **Windows Service, WCF services**
* Developed applications handling various authentication mechanism and role based authorization with security features.
* Experience on application Deployment in production server and involved in hosting the applications in **IIS** and **Azure**.
* Hands on experience working in Azure Storage such as Blob Storage, Cosmos DB, Azure SQL.
* Worked in Visual Source Safe and Team Foundation Server for Build and deployment of applications.
* Worked on **SQL server 2005, 2008 R2, 2012** and connecting database using **ADO.Net** and **Entity Framework.**
* Have exposure in creating stored procedures, functions, views,sql jobs and schemas to manage with databases with different database servers.
* Performed generating reports using **Tableau** and **SSRS**.
* Excellent debugging, problem solving,Performance tuning the application and unit & functional testing skills.
* Having experience in writing in MS-DOS command.
* Have worked with Unified Modeling Language like creating **Use cases, class, sequence, and data flow diagrams etc. and have used modeling tool MS-Visio.**
* Very focused, detail oriented, self-starter, motivated, good communication skills and has the capacity to contribute Individual as well as part/leading a team.
* Exposure towards tools like **HP Quality Center, RTC, RRC.**

**EDUCATION**

* **Bachelor of Engineering (E.C.E)** - PSR Engineering College (Affiliated to Anna University) – Apr, 2005.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages** | Asp.Net, MVC, .NetCore,C#.Net,WCF, WPF,Tableau |
| **Scripting** | Java script,TypeScript, JQuery,Angular 8 |
| **Database System** | SQL Server 2005, 2008, 2012,2015,2017 |
| **Framework** | .Net 2.0,.Net 3.0,.Net 4.5 |
| **Data Model** | ADO.Net,Entity Framework |
| **Services** | Webservice,WebAPI |
| **Operating System** | Windows XP, Vista, 7, 8, 10,MS-DOS Commands |
| **Versioning Tools** | SVN Tortoise,Team Foundation Server,GIT |
| **Deployment Tools** | UCD,Jenkins,Azure,IIS |
| **Style** | CSS,Bootstrap |
| **Reporting Tools** | SSRS |

**PROFESSIONAL EXPERIENCE**

**Client: AcclaimSystems, Pennsylvania, PA, USA June 2020–Till Date**

**Role: .Net Developer**

**PROJECTS HANDLED:**

**Project: SUREVR/Online Absentee**

**Project Description:**Application guide to enter the voter information under the county either online or mail in application.it helps in process the voter and correct the voter.schedule job will generate the reports for the voter and state wide reports under pool book.

**Responsibilities:**

* Involved in development of new applications and enhancements to update the application with new features.
* Working on ASP.net MVC web application involved in creating controllers,ViewModel and Model class files for onlineAbsentee application.
* Involved in developing Web Api application to call the Service api to interact with sql server database to include track language for voter.
* Used Postman to test the web api by passing JSON request.
* Working on Javascript files for message filters changes based on the language document used all over the online absentee application.
* Have experience in creating design document for the enhancements with the flow diagram for the change request.
* Working on Service oriented architecture to make changes in the existing service file which used to connect sql database server.
* stablished communication fromAngular 8Project to Web API Project.
* Developed Angular 8  Services and re-used across the application.
* Coded Angular 8 controllers and directives for application functionality and filters for heavy DOM manipulation.
* Involved in Unit testing and development test cases to run the application by entering data manually to make sure the application performance.
* Worked on Sql server store procedure to add track language field.
* Having experience working in SUREVR windows applications.
* Used Browser stack for running the test cases.
* Working on TFS to checkin the code changes and to merge branches.
* Working on Agile environment involved in daily scrum status call.
* Used Window Azure to deploy the application on cloud and managing the session.
* Used Azure components like Service Bus implements a communication system between mutually interacting software applications, Message Queues, Redis Cache to supports data structures such as strings, hashes, lists, sets, sorted sets with range queries.
* Development of Server less Function Apps, Web API’s, CI/CD Pipeline on Azure Cloud.
* Created a database known as SQL AZURE database, which integrates with Active directory.
* Deployed and Maintained Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform in Azure SQL, Service Bus and Cloud Services.
* Worked on Queues, Blobs, and Containers to persist data on Azure.

**Environment:** .Net Framework 4.6,Asp.net MVC,C#,Javascript,Jquery,Angular 8,Web API,Postman,Sql Server,Entity Framework,JIRA,TFS and Azure.

**Client: Professional Capital Services, Pennsylvania, PA, USA March 2019 – May 2020**

**Role: .Net Developer**

**PROJECTS HANDLED:**

**#1. Project: Investment Screener**

**Project Description: Screener** will provide advisor to search their favourite fund based on the criteria and allow user to save their favourite search for future use. Screener also assist the user to view the assest value of fund to decide their investments.

**Responsibilities:**

* Involved in development of new applications and enhancements to include new features the existing applications.
* Involved in development of application and enhancement of existing applications to provide additional functionality.
* Using agile methodologies (scrum) for regular adaption to changing requirement and continuous delivery of useful and working software and involved in sprint planning and daily stand-ups.
* Used .Net Framework 4.5, N-tier architecture and object oriented Methodologies (C#) for application development.
* Implemented MVC architecture, used MVC design pattern in checking login credentials and displaying the necessary components and data to the particular user.
* Used OOPS Concepts and SOLID principles in C# 4.0 to implement business logic.
* Worked to convert an existing Classic ASP website to ASP.NET Core
* Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters.
* Developed Web API and consumed by MVC application to provide services to Http Request. Used Postman to test web api actions.
* Involved in design,development and testing of web services using IIS and XML.
* Profound knowledge of web services testing using Service Oriented Architecture tools SOAP UI.
* Actively used jQuery for all client side validations and data tables to display data from database.
* Involved in building single page application with use of two way databinding to improve the front end performance.
* Worked in creating reusable components, pipes, directives, services and dependency injection using Angular 8.
* Developed single page application using angular 8.0 to display the application on mobile app.
* Hands-on experience using one-way/two-way data-binding, filters, UI-routers and creating custom directives in Angular 8
* Developed various services in Angular that consume rest services. Also Utilized reusable components and guards to better accommodate the complete web application.
* Designed and developed data access layer using Entity framework database first approach.
* Worked on SQL queries, stored procedure, functions, triggers and sql scheduled jobs using Microsoft SQL Server 2018.
* Used JIRA tool to plan, track requirements and manage track development updates.
* Used GitHub to maintain code repository and ensure file integrity. Involved in code review, commits, creation and merge branches using GitHub.
* Actively involve in daily scrum and weekly technical review meetings with client team.
* Written N Units and tested it with Test Drive Development (TDD).
* Experience with Microsoft Azure services like SAAS,IAAS and PAAS and involved in deployment of ASP.net MVC application file in Azure.
* Worked on CI/CD pipeline using Azure in both cloud and on premises with Docker,Maven along with Jenkin plugins.
* Proficient in creating Docker images using Docker File , worked on Docker container snapshots, removing images, and managing Docker volumes and implemented Docker automation solution for CI/CD model.
* Involved in system Integration
* Developed windows services to store Sql Server data in to Cloud base data warehousing by using Microsoft Azure
* Migrated databases from SQL Server to Azure SQL Server
* Deployed and Maintained Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform in Azure SQL, Service Bus and Cloud Services.
* Worked on Queues, Blobs, and Containers to persist data on Azure.
* Used Telerik chart control to display the data in graphical format.
* Used **tableau to** generate reports with user interactive dashboard designs.

**#2 Project: Investment Management Center**

**Project Description: This application** will provide user to add and delete fund in order to manage their investment allocation on funds based on the plan it has three different user logins sponsors, advisor and participants.

**Responsibilities:**

* Gathered business requirements, develop related software applications and programs business requirements
* Use agile methodologies (scrum) for regular adaption to changing requirement and continuous delivery of useful and working software.
* Using .Net Framework 4.5,N-tier architecture and object oriented Methodologies(C#) for Application Development.
* Implemented MVC architecture, Used MVC design pattern in checking Log In credentials and displaying the necessary components and data to the particular user.
* Creating complex and dynamic UI using HTML,CSS,Jquerry.
* Actively used Jquery for all client side validation and using JSON request and response to bind the values in datatable.
* Effectively created Web API controllers to return action result and interact with database consumed by MVC application to provide http services.
* Created Token based authentication to authorize user permissions and validations.
* Designed and developed data access layer using ADO.Net.
* Created email notification for each status change by interating with salesforce database and updating the saleforce objects.
* Developed various services in angular that consume rest services from the backend written in .NET. Also Utilized reusable components and guards to better accommodate the complete web application.
* Leveraged Angular resources for all data access, encapsulating URLs and standardizing data access interfaces. Created custom directives for re-usable components (multi-filed form elements, background file uploads, etc.)
* Implemented Angular Service calls using Angular Factory.
* Developed Angular Factories, Services and re-used across the application.
* Coded AngularJS controllers and directives for application functionality and filters for heavy DOM manipulation.
* Worked on SQL queries,openquery to connect salesforce and Relius tool and stored Procedure using Microsoft SQL Server 2018
* Created windows service using C# to schedule daily job to update salesforce notification based on the request raised.
* Involved in code Merging and creating branches in TFS and used Git Hub for versioning
* Actively involved in daily Scrum meetings and Weekly technical review metings.
* Written N Units and tested it with Test Drive Development (TDD).
* Involved in Deploying ASP.net MVC application file in IIS and Azure.
* Used Git Hub to keep track of Version Control system to store application file system and ensures file integrity.
* Worked on CI/CD pipeline using Azure in both cloud and on premises with Docker,Maven along with Jenkin plugins.
* Proficient in creating Docker images using Docker File , worked on Docker container snapshots, removing images, and managing Docker volumes and implemented Docker automation solution for CI/CD model.
* Developed windows services to store Sql Server data in to Cloud base data warehousing by using Microsoft Azure
* Migrated databases from SQL Server to Azure SQL Server
* Deployed and Maintained Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform in Azure SQL, Service Bus and Cloud Services.
* Worked on Queues, Blobs, and Containers to persist data on Azure.

**#3.Project: PCS Main**

**Project Description: This application** handled by PCS users to process the fund add based the request raised by advisor involve jobs like process the fund and Model

**Responsibilities:**

* Gathered business requirements, develop related software applications and programs business requirements
* Use agile methodologies (scrum) for regular adaption to changing requirement and continuous delivery of useful and working software.
* Using .Net Framework 4.5,N-tier architecture and object oriented Methodologies(C#) for Application Development.
* Implemented MVC architecture, Used MVC design pattern in checking Log In credentials and displaying the necessary components and data to the particular user.
* Actively used Jquery for all client side validation and using JSON request and response to bind the values in datatable.
* Effectively created Web API controllers to return action result and interact with database consumed by MVC application to provide http services.
* Designed and developed data access layer using ADO.Net.
* Worked on SQL queries,openquery to connect salesforce and Relius tool and stored Procedure using Microsoft SQL Server 2018
* Created sql jobs to queue the request and process fund add one by one to Relius tool.

**Environment:** .Net Framework 4.6,Asp.net MVC,Asp.Net Core,C#,Javascript,Jquery,Angular 8,Web API,Postman,Sql Server,Entity Framework,ADO.Net,JIRA,GIT,SVN, and Azure.

**Client: Hawaiian Airlines ,TCS India Jan 2015 – Dec 2018**

**Project: PAX Management**

**Role: .Net Lead**

**Project Description:** **Passenger (PAX) Management** is specialist in passenger data management to automate administrative processes. It is maintenance and support project which is having bunch of IT applications for managing its operations. The main applications are Ticketing, security application, customer service application, scheduling and Accounting.Moved the couple of application to latest version for restructuring the process.

**Responsibilities:**

* Analyzing business requirements
* Coded and designed interfaces,MVC architecture and Visual studio 2010 & 2013
* Used Web Api to interact to provide services to Http Request.
* Worked on creating Rest services using Web API and C#.
* Used Ajax Control Tool Kit to run Client side script.
* Utilized Team Foundation Server to integrate latest code and build and deployed them to the server.
* Worked on SQL queries and stored Procedure using Microsoft SQL Server 2008 & 2012.
* Managed application Configuration and risks and prepared project metrics reports and defect tracking.
* Developeing and supporting the application using ASP.Net MVC framework 4.5,C#.Net
* Worked with Web API to provide services to Http Request
* Host the web application in IIS7
* Document Impact Analysis for Business change to an existing module.
* Support business users to implement or amend business process
* Implement continuous process improvements
* Weekly status reporting
* Co-ordinate migration of code to UAT and Production environment.

**Operating Systems:** Windows XP, 8 & 10

**Languages:** ASP.Net,Asp.net MVC,C#.Net,VB.Net SQL Queries,WebServices,WebApi

**Software:** Microsoft Visual Studio 2010 & 2013, .Net Framework 4.5,SQL Server 2008 & 2012.

**Client: Hawaiian Airlines, TCS India Apr 2013 – Dec 2014**

**Project: Miles Admin**

**Role: .Net Developer**

**Project Description:** Hawaiian Miles is Hawaiian Airlines’ loyalty management program. It is a web-based application that helps you maintain members, partners, and related information. With Hawaiian Miles, you can enroll members and help them earn miles each time they fly, redeem miles in the form of awards, inform members about the various promotions from time to time, and access services provided by the partners of Hawaiian Airlines. Hawaiian Miles lets you to manage both corporate and individual members Hawaiian Miles also offers other features like Information related to partners, activities performed by members of partner airlines, data transfers to and from partner applications, and management of corporate assignments. Hawaiian Miles also provides a reporting feature which you can use to view and print member and sales reports.

**Responsibilities:**

* Developeing and supporting the application using ASP.Net MVC framework 4.5,C#.Net
* Perform Unit Testing, System Integration Testing and document Test Results.
* Document Impact Analysis for Business change to an existing module.
* Support business users to implement or amend business process
* Implement continuous process improvements
* Co-ordinate migration of code to UAT and Production environment.

**Operating Systems:** Windows XP, 8 & 10

**Languages:** ASP.Net, ASP.net MVC,C#.Net, VB.Net,SQL Queries,WebAPI,Webservices

**Software:** Microsoft Visual Studio 2010 & 2013,.Net Framework 4.5,SQL Server 2008 & 2012

**Client: Cigna, TCS India Jun 2012 – Mar 2013**

**Project: Valor**

**Role: Software Developer**

**Project Description:** Valor is an application framework that facilitates the development of smart client applications, connecting users with any number of application/enterprise services deployed across multiple, platforms. Valor is a .NET framework providing users within Employer Services with a single view of the applications necessary for their role. This single view is called an “Advisor”. The Advisor organizes the users work. There are different types of advisors such as “Financial”, “Benefits”, “Contracts”, “IT Support”, “IM”, “Service Ambassador” etc. Users outside of Employer Services are generally not provided a "role" Advisor, but instead provided direct access to “entity”. Application is designed to run within the Valor framework, and is broken up into logical, reusable components and services. Valor controls the deployment of the components within the different Advisors, and manages how and when application services are called. Integrates multiple applications within the framework/Features both role and entity Advisors which organize and facilitate workflow/Integrated business management system/Workflow integration across multiple users and systems / platforms/Client, customer & user dashboard View.

**Responsibilities:**

* Analyze business requirements and develop the application as required.
* Involved in developing Services using C#.NET, WCF
* UI development & enrichment using CSS, JAVASCRIPT
* Perform Unit Testing, System Integration Testing

**Operating Systems:** Windows XP & 7

**Languages:** WCF, C# .Net, SQL Queries

**Software:** Microsoft Visual Studio 2010, SQL Server 2008

**Client: Wolters Kluwer, TCS India Oct 2011 – Apr 2012**

**Project: CT-Assisted Fillings**

**Role: Software Developer**

**Project Description:** This Application helps the user to file tax information’s into the state website by electronically. In this application tax information of clients will be loaded as Pdf document and required values will be extracted from the Pdf and it will be shown in the clipboard so that user can map the values between the elements present in the state browser and the clipboard, On submit mapped values will be taken to the Browser for submitting the tax information. Maintains the templates created by the user and its history in the SQL server backend. Maintains the managerial structure in the database and retrieved to map the data with state browser.

**Responsibilities:**

* Analyze business requirements and develop the application as required.
* Involved in developing Services using C#.NET, WCF Service, WPF
* UI development & enrichment using CSS, JAVASCRIPT
* Perform Unit Testing, System Integration Testing

**Operating Systems:** Windows XP

**Languages:** WCF, WPF, C#.Net, SQL Queries

**Software:** Microsoft Visual Studio 2010, SQL Server 2008

**Client: General Motors,Mphasis India Apr 2010 - Sep 2011**

**Project: GRTS (Global Request Tracking System)**

**Role: Software Developer**

**Project Description:** This Application Maintains the overall IT Request submitted by General Motors (GM) users. This application stores the information of Hardware, software and other vendor requests in the database and generates necessary reports GRTS is a tracking system that displays all GM IT Requests globally. It provides end-users the ability to search for existing Requests that have been entered into the Global Request System (GRS) and the Information Technology Services Request System (ITSRS). GM End-Users will have the ability to request search results that can be viewed or printed.

**Responsibilities:**

* Analyzing business requirements
* Developing the application for business requirements
* Perform Unit Testing, System Integration Testing and document Test Results.
* Implement continuous process improvements
* Weekly status reporting
* Fix production issues and monitor batch cycle, if required
* Prepare RCA and take preventive measures for all the production bugs.
* Co-ordinate migration of code to UAT and Production environment.
* Urban code deployment
* Build the application in Jenkins
* Service now tool for ticketing
* QC tool for quality control

**Operating Systems:** Windows XP, Windows Seven

**Languages:** Asp.Net, C#.Net, SQL 2005,MVP

**Software:** Microsoft Visual Studio 2005 & 2010, SQL Server 2005

**Client: Nissan Motors,Satyam Computers India Apr 2007 – Mar 2010**

**Project: HR-SUPPORT**

**Role: Software Developer**

**Project Description:** This project has four modules.

* **DOA -** Handbook is a management tool that identifies the people involved in a decision (“Key Players”) by clarifying their responsibility to propose, validate or decide
* **IPAP –** According to the Nissan Non-PO approval process at least two users have to approve every invoice. The second approver has to have enough authorization limits to approve the invoice.
* **E-HR -** The EHR system which holds employee records in a central database. There are different Euro entities. Each month Local HR of each entity submits an excel spreadsheet into EHR. After validating, main HR uploads the data into mainframe system. Only permanent Nissan employees are in this database
* **PAM -** The main purpose of Portal Access Management (PAM) is to provide employee personalization to the WIN (Workforce Integration at Nissan) portal. PAM holds details for not only employees but also contractors

**Responsibilities:**

* Analyzing business requirements
* Developing the application for business requirements
* Perform Unit Testing, System Integration Testing and document Test Results.
* Involved in Production support activities working on tickets based on priority.
* Urban code deployment
* Build the application in Jenkins
* Service now tool for ticketing
* QC Tool for quality control

**Operating Systems:** Windows XP

**Languages:** Asp.Net, C#.Net, SQL Queries

**Software:** Microsoft Visual Studio 2005, SQL Server 2005

**Client: Juki,Sushma Multimedia India May 2006 – Jan 2007**

**Project: Enquiry Management systems**

**Role: Software Developer**

**Project Description:** A complete application to avoid administration problem. Super admin controls the full application process with configuration settings. Administrator adds and replies for agent enquiry to solve confusions among customers and agent. Agent login to get follow up schedules and replies received of customer. Add enquiry to view open pool, VIP customers and add new customers.

**Responsibilities:**

* Analyzing business requirements
* Developing the application for business requirements
* Perform Unit Testing, System Integration Testing and document Test Results.

**Operating Systems:** Windows XP

**Languages:** Asp.Net, C#.Net, SQL Queries

**Software:** Microsoft Visual Studio 2005, SQL Server 2005