**Veerendra Karwekar**

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* **18 years** of rich experience in design, development, unit testing, production support and deployment of web and windows-based applications, for varied businesses and organizations.
* Have expertise in **ASP.NET, C#, WCF web Services, T-SQL, AJAX, XML, MVC5, JavaScript, Angular 2.0/1.5, jQuery, UML, Design patterns, Microsoft Azure, SQL Server Reporting Services, HL7 messaging using iguana and object-oriented analysis and design**.
* Have exposure to Microsoft Azure, Angular 2, Dependency Injection and Entity Framework 5.0 library.
* Have experience in Web Forms, Win Forms, .NET Web services and batch processing applications.
* Strong understanding of .Net Framework, CLR, CTS and SOA.
* Expertise in end-to-end development of software applications from Requirements Analysis, Design, Implementation, Testing and Deployment. Experience of complex product development, rich internet web applications and web services.
* Experience developing different applications for **Health care and pharmacy systems**, **Trading applications, Wealth Management, Credit Risk, Mortgaging solutions, Bill payments, Processing of checks, Tax accounting systems and application modernization of toolsets.**
* Strong Problem Solving and Technical Skills combined with confident decision making for enabling effective solutions, leading to delivering the project in time with high customer satisfaction and stakeholder delight.
* Have worked on domains like health care, financial, banking and modernization of toolsets for business process improvement.
* Have thorough hands-on experience in tools like, MS Visual Studio .NET 2017, Win 10, Windows 2008 server, Bitbucket, GitHub, MS-Team Foundation Server, VSS, Concurrent Versions System, P4V, MS-Visio, Enterprise Architect and Rational Rose XDE.
* Good experience in Relational Databases, Normalization, ER Diagrams and SQL Server 2014 development. Also worked with DB2 and MySQL databases as per project needs.
* Excellent communication and interpersonal skills.
* Have good exposure to Microsoft SharePoint portals, usage and features.
* Worked for clients like **Bio Reference Labs**, **Knipper**, **McKesson**, **Bank of Tokyo MUFG**, **Bank of America - Merrill Lynch, Morgan Stanley, Lloyds Banking Group, Bradford and Bingley Group, Payment Data Systems, Unisys, Tax Accounting Department of Kern County, CA**.
* Customer interaction for requirement analysis and production support.

**Education**

**Bachelor of Engineering**, from Karnataka University, India in the year Oct 1999.

**Technical Summary**

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| **Environment** | Microsoft .Net framework 4.5, ASP.NET MVC 5, Azure,Web Services- WCF, WPF, Enterprise Architect, Rational Rose, Microsoft Visio, Kanban, hp QC and Eclipse. |
| **Languages** | C#, T-SQL, VB.NET, XAML, XML, Java 1.5, LINQ, PHP |
| **Web Layer** | ASP.NET, JavaScript, AJAX, MVC4, AngularJS, JSON, HTML, jQuery, CSS |
| **Testing & Deployment** | NUnit, IIS 7.0, AFS, manual unit testing. |
| **Database** | SQL Server 2014, SSRS, SSIS, DB2 |
| **Operating Systems** | Windows server 2008, Windows 7/10 |
| **Source Control and Tools** | Bitbucket, GitHub Enterprise, TFS, VSS, Rational Clear Case, JIRA and confluence. |

**Projects:**

**Client: Bio Reference Laboratories, Edison, NJ**

**Project: genedx.com**

**Role: Full Stack Sr .Net Developer**

**Period: October 2018 – Present**

Genedx.com is an online application for managing the orders for biological tests related to genetics. The application receives orders from various users like providers, healthcare facilities or hospitals. The tests are processed in the genetics laboratory and results are displayed in the form of reports in pdf format, as a standard template based on the TRF selected for a number of tests such as 706, J757, TG70 etc. for specific genetic testing.

**Function & Responsibilities:**

* Design and development of the Dashboard, Orders and Reports pages using Web API, dynamic SQL queries, stored procedures, AngularJS and PHP.
* Front end development of the web pages using Php, AngularJS, HTML, CSS and JavaScript.
* API development using C#, MVC, Auto Mapper and Web API methods returning JSON data to client UI.
* Setting up of the iguana channels to communicate to systems across the enterprise using HL7.
* Was involved in the migration of the entire application from Armor to Azure cloud environments.
* Production support of the application mostly on SQL server and MySQL database.
* Deployment using Team city for UI, API and Interface modules for the production, QA and Stage releases. Also involved in publishing files on Linux servers on the Azure cloud environment.

**Technologies:**  MS Visual Studio 2017, ASP.NET MVC 5.0, Web API 2.0, JavaScript, HTML, CSS, bitbucket, C#, MySQL, Teamcity, HL7 messaging, Azure cloud platform, WordPress, PHP, confluence, Jira and SQL Server 2014.

**Client: Knipper, NJ, USA**

**Project: KFIS**

**Role: Senior .Net Developer**

**Period: October 2017 – September 2018**

KFIS (Knipper Fulfillment Information System) is an Order Management System for managing the complete lifecycle of a pharma order. Initially an order is created through different channels (web, paper or call center). It is a web-based application and end to end solution for tracking and managing an order. The application is used by health care professional (DTP), sales representatives (DTR) and Knipper customer support team. It uses a LDAP based forms authentication. Other features include AOC, SVL and SRF generation, tracking and maintenance.

**Function & Responsibilities:**

* Front end development of the web pages using HTML, CSS and Bootstrap.
* Used ASP.NET MVC framework with client service request architecture.
* Server request through web API were used for making service calls to controllers for data exchange.
* Development of JavaScript modules which were used for data binding with the UI.
* Involved in fixing production support tickets for client issues mainly correcting data.
* Development of stored procedures and client requirement enhancements.

**Technologies:**  MS Visual Studio 2017, ASP.NET MVC 5.0, Web API, JavaScript, HTML, CSS, bootstrap, TFS, C#, AJAX and SQL Server 2017.

**Client: McKesson, PA, USA**

**Project: Controlled Substance Reporting and Digicall**

**Role: .Net Tech Lead**

**Period: July 2015 – Sep 2017**

Digicall VAX is a rewrite of the legacy application into windows-based solution involving, web, windows and batch processing applications. Involved in the development of Request file, interactive load, automated load and control file creation. These are the different solutions to move the business process from legacy to windows environment.

**Controlled Substance Reporting (CSR)** is a batch processing and web-based application for reporting the daily, weekly, bimonthly and monthly refills for different pharmacies and states across the US. This application helps the pharmacies to manage the different reports that are needed to report to the states.

**Function & Responsibilities:**

* Understanding the business requirements and transitioning them into new software requirements specifications documents.
* T-SQL development using stored procedures, functions and queries.
* Development of the new business functionality using ASP.NET web forms with MVC pattern for the frontend and C# for the business logic.
* Was responsible for developing the batch processes (CSR) that send the reports to the various states about the refills in the pharmacies. Restructure of the web pages using HTML in views and angularjs.
* Development of the business logic using C# classes adhering to the design of the application.
* Lead a small team of developers both onsite and offshore.

**Technologies:** ASP.NET MVC 4.0, C#, AJAX, jQuery, SQL Server 2012, JIRA and Kanban/scrum, AngularJS, windows scheduler and services.

Client: Bank of Tokyo MUFG, NJ, USA

Project: Portfolio Reconciliation and Risk Manager.

**Role: Application Architect/.Net Developer**

**Period: Aug 2014 - June 2015**

Portfolio Reconciliation is an application to manage the daily trading data across different systems which help the business user to analyze the markets and the customers trading information. The data warehousing applications input the trading information and a third-party job scheduler called Tidal takes care of running the jobs for the daily trades. The user interface is a web application (Risk Manager developed in ASP.NET), for the users to analyze the data.

**Function & Responsibilities:**

* Analyze and understand the business requirements.
* Development of the UI screens using ASP.NET and business logic using C# classes and web API service.
* Unit testing the new features, deployment on servers for UAT and production.
* Verifying the functionality works from the UI using unit testing scripts.
* Fixing defects for system integration testing, UAT and on production environments.
* Development using Infragistics web controls for web forms for the Risk Manager application.

**Technologies:** ASP.NET 4.0, C#, .Net framework 4.5, Angularjs, SQL Server 2012, XML, TFS 2012, MSMQ, Infragistics web controls with web forms.

Client: Bank of America, NJ, USA

Project: Merrill Edge Data mart.

**Role: .Net Lead/SQL Consultant**

**Period: Jan 2014- to June 2014**

Merrill Edge Data mart is a suite of applications to manage the portfolio of accounts for customers with different wealth management solutions. The applications are targeted for the business users to manage the campaigns developed for customers based on different criteria like the assets, HH Accounts, age of accounts etc. Campaign administration and book assignment were new tools for business user to manage the different campaigns for customers and RM's book respectively.

**Function & Responsibilities:**

* Development of the UI screens using ASP.NET and business logic using C# classes to meet the requirement specifications.
* Creating and verifying table schema, development of stored procedures and views in SQL Server 2012.
* Unit testing the new features, deploying on the server with the release management team and fixing issues and bugs for system integration testing, UAT and postproduction defects.
* Developed WCF web services hosted on IIS server and consumed by different clients within the group.
* Coordinating with the offshore development team with requirements, development activities and any technical issues with the team members. Lead a small team of developers.
* Development of WCF Web services which was used for the database transactions in the application as well as for new clients to consume.

**Technologies:** ASP.NET 4.0, WCF web Services, web forms, C#, .Net framework 4.0, SQL Server 2012, XML, TFS.

Client: Morgan Stanley, NYC, USA

Project: Credit Risk Vision

**Role: .Net Consultant**

**Period: Feb 2013 - to Nov 2013**

Credit Risk is a financial services application for managing the daily credit risk involved in the firm. The system interacts with various other applications like the Firm Risk, Operations Risk and the Market Risk which together manage the risk involved in the entire firm. Credit Risk Console is the User Interface for managing the credit risk. The application is developed using FLUX (a home-grown UI framework) and windows forms. It provides a GUI interface for seeing various party loans, hedges and other types of exposures.

Function & Responsibilities:

* Understanding and analysis of the requirements and impact on the current system.
* Development of the new features for the requirements for managing the credit risk system.
* Creating and verifying table schema, stored procedures and triggers in DB2 using DB Artisan.
* Development of the User interface using windows forms and flux interface.
* Unit testing the new features, deploying on the server system and fixing defects postproduction and UAT.
* Verifying the functionality works from the GUI using unit testing scripts.

**Technologies**: Windows forms, C#, .Net framework 4.0, DB2 using DB Artisan 2.0, perforce 4.0, Infragistics 12.1, ChartFx 7.0, WCF web services and AFS file system management with Linux.

Client: Lloyds Banking Group, UK

Project: Unisys Financial Services System

**Role: .Net Lead**

**Period: Apr 2010 - Jan 2013**

Unisys Financial Services System (UFSS) is a portfolio of applications that support all aspects of mortgage management from initial sales enquiry, through application processing, mortgage administration, redemptions, arrears management. The product was enhanced for other clients including Bradford and Bingley Group and Westbrook Building Society.

Function & Responsibilities:

* Developed product features in C#, also involved in design, development and unit testing.
* Involved in requirements understanding and analysis from clients.
* Was involved with the front-end UI development, using ASP.NET, jQuery and JavaScript.
* Provided solutions to any customer related issues and interfaced with Business and Technical Architects to iron out requirements and scope of product features and enhancements.
* Was involved with the architecture of the software application which involved making necessary changes as per the new requirements. Deployment of the web application in IIS 7.0 on Windows Server 2008.
* Mentoring of team members with technical queries, code review and fixing complex issues.
* Used TFS for source code management, work item tracking, creating mis builds, branching of a release and releasing the msi to the testing team for system testing.

**Technologies**: Microsoft .Net framework 4.0, ASP.NET MVC 4, C#, Visual Studio 2010, XML, LINQ, jQuery, JSON, JavaScript, Team Foundation Server, Internet Information Server, Windows 2008, Web services, XML, XSLT.

Client: Unisys, USA

Project: 3D Blueprinting Toolset and Kern County Tax System

**Role: .Net Developer**

**Period: Jan 2007 - March 2010**

3D Blueprinting is a Unisys methodology that helps a project complete on time and cut costs. It is based on RUP and encourages iterative development. There are 4 layers which span across the different phases of the project. Each layer has a set of documents called artifacts that when completed increases the visibility in the project.

Function & Responsibilities:

* Lead the requirements analysis, design and development of Knowledge Modeler tool.
* Analyzing and understanding requirements for the Knowledge Modeler tool and development of Use Cases.
* Translating the use cases into an UML model with class diagrams.
* TFS 3D Blueprinting integration for adding link into the TFS repository for a 3D Blueprinting methodology which helps visualize the impact in the 3D Blueprinting Impact Analysis feature.
* Was involved in the business process modeling implementation using metastorm provision.
* **Was awarded the outstanding performer for delivering the Kern County Tax Accounting application to the client (Kern County, USA) on time with a very high customer satisfaction.**
* Reporting the performance and issues for Microsoft Team foundation server, for which this project was used as a POC project for TFS integration.

**Technologies:** Microsoft .Net framework 3.5, ASP.Net, C#, Web Services, SOA, SQL Server 2008, XML, Java 1.5, UML, Unix, Tomcat.

Client: Payment Data Systems Inc., USA

Project: www.billx.com

**Role: .Net Developer**

**Period:** **Dec 2004 - Feb 2006**

It is a web-based e commerce application which contains two major components Billx.com (http://www.billx.com) and Sponsor-Care Application. Billx.com interface communicates with the Kubra interface to accept electronic Bill payments, including scheduled, recurring, account transfer and P2P payments.

Function & Responsibilities:

* Designed, developed stored procedures, business components and data access layer in C# and T-SQL.
* Was involved in web based front end using ASP.NET, adding new feature and defect fixes from QA testing.
* Was involved in the development of reports for customer’s monthly statement using SQL Server Reporting services. These were emailed to customers.

**Technologies**: Microsoft .Net framework 2.0, ASP.Net, Web services (asmx), Visual Studio 2003, SQL server 2000.