Abhishek Kapuria

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Summary

- **Microsoft Certified Technology Specialist with close to 10 years and 2 months of professional experience in all stages of SDLC (Software Development Life Cycle)** involving studying of the user requirements, analyzing, designing, coding, implementation, debugging, testing, deployment and documentation across diverse industries / work environments.
- Experience in **Healthcare, Banking & Financial and Product Engineering Services** domain**.**
- Good hands on knowledge of **OOPS (Object Oriented Programming Structure)** and **Agile** methodology.
- Extensive experience of designing and developing software applications with **Microsoft .NET Framework 2.0/3.5/4.0/4.5 using C#, ASP.NET Core, ASP.NET, ASP.NET MVC, Web API**.
- Extensive experience with **Web technologies like ASP.NET, ASP.NET MVC, Web API, WCF, Web Services, HTML, JavaScript, React JS, React-Redux, Redux-Thunk, Ember JS and jQuery.**
- Experience designing and/or developing solutions for a **Service Oriented Architecture (SOA) and Domain Driven Design (DDD).**
- Sound knowledge of **3-tier** and **N-tier** layered architecture.
- Experience using tools such as **Visual Studio.Net 2008/2010/2012/2015/2017/2019.**
- Extensive experience in creating **rich content Web-Forms, Web User Controls, Custom Control, Server Controls, Windows Service ,Web Service and reusable React JS Components.**
- Extensive experience in web-based page and site designs using **HTML, DHTML, CSS, Themes, Master Pages, JavaScript, jQuery and AJAX.**
- Experience with Data Accessing including using **Data Adapter, Data Reader and Dataset in ADO.NET and LINQ (Language Integrated Query) Providers for data manipulation, Entity Framework and Dapper.**
- Knowledge of versioning **tools like TFS (Team Foundation Server) and GIT.**
- Hands on experience in **Telerik** controls.
- Experience with SQL Server 2008R2.
- Experience in developing Single Page Applications using **React JS**.
- Experience of implementing Dependency Injection using Unity Dependency Injection.
- Experience of using Re-Sharper and Fx-Cop to implement coding standards.
- Extensively worked on writing **Stored Procedures, Functions, Views and Database Design.**
- Hands on experience of working on **SSRS/SSIS**.
- Involved in performance tuning of both Frontend and Backend.
- Experience in **software unit testing** and efficient at fact-finding, root cause analysis and **bug-fixing**.
- Very good Team player, Self-motivated, hardworking professional with good organizational, leadership, interpersonal and communication skills.
- Quick learner and adapt quickly to any new situation/changes and work pro-actively towards meeting deadlines is my forte.

Technical Skills

Programming Languages and .NET Technologies	C#, Web Forms, ASP.NET, ASP.NET MVC 2.0/3.0/4.0, Asp.Net Web API, ADO.NET, .Net Framework 2.0/3.5/4.0, WCF Services.
Web Technologies and Scripting	HTML, DHTML, CSS, XML, AJAX, AJAX Toolkit, JavaScript, jQuery, React JS, Redux.
Unit Testing Frameworks	NUnit, XUnit, Moq.
Database	MS SQL Server 2005/2008R2, My SQL.
Version Control Tools	GIT, Team Foundation Server, Visual Source Safe and TeamCity.
Methodologies	Agile, OOPS, OOAD, SOA.
Reporting	SQL Server Reporting Service
Third Party Tools	Telerik Rad Controls for Web, New Relic, Stackify and Prefix.

Education

Degree/Exam	University/Board	College/School	Duration	% Marks
Bachelors Of Technology (Mechanical Engineering)	Uttar Pradesh Technical University (U.P.T.U)	G.L.A. Institute Of Technology and Management	2004-2008	69.5%
12th	I.S.C	Lucknow Public College	2002-2003	73.50%
10th	I.C.S.E	Lucknow Public College	2000-2001	77.00%

Certifications

- **Microsoft Certified Technology Specialist (MCTS) 70-562: Microsoft .NET Framework 3.5, ASP.NET Application Development.**

Professional Experience

Client: Paycor Inc, Dallas, Texas (TX), US   **Nov, 2016 to Present**
Senior Developer

Project: Account Setup

Objective of this project is to provide support for existing clients for configuring services, identity, contacts, deliveries, reports and migrate existing functionality from tool build in PowerBuilder to modern technology stack.
I have been part of following user stories:

- Create base setup for Account Setup UI application using React JS, Webpack and GIT.
- Create base setup for Account Setup Service application in .NET Core.
- Develop Contact Services application using Domain Driven Design.

- Developed Web API endpoints using REST principals for Contacts, Identity and Deliveries.
- Created UI for Contact Address, Identity and Delivery using React JS and Redux-Thunk.
- Performed performance optimizations and code splitting using Webpack.

Responsibilities:

- Develop base setup for UI and Services application.
- Requirement analysis, support and enhance the existing system based on product requirements.
- Work with PO and development team in understanding the current system and develop functionality in modern stack.
- Provide Integration and System testing support.
- Perform Root Cause Analysis and provide remedial steps and solution.
- Code review.
- Monitor and identify the bottlenecks in the system and fix them.
- Mentor junior team members.

Environment: VS Code,Visual Studio 2015/17, .Net Framework 4.5, .Net Core, Asp.Net Web API, C#, SQL Server, GIT, Team City, Nuget Package Manager, AutoMapper, Dapper, Entity Framework, Stackify, New Relic, Prefix.

Project: Integrate Goals with Talent Management

The project was aimed at capturing the Goals targeted by Manager and Employee and integrate it with Talent Management so that it becomes the part of employees performance review.
I have been part of following user stories:

- Design process to allow flow of Goals into existing Talent Management system.
- Create API endpoint following REST to integrate Goals with Talent Management.
- Develop new Goals page in Talent Management to pull records from DB and show in UI built in Ember JS.

Responsibilities:

- Develop base setup for UI and Services application.
- Requirement analysis, support and enhance the existing system based on product requirements.
- Work with PO and development team in understanding the current system and develop functionality in modern stack.
- Provide Integration and System testing support.
- Perform Root Cause Analysis and provide remedial steps and solution.
- Code review.
- Monitor and identify the bottlenecks in the system and fix them.
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Environment: VS Code,Visual Studio 2015/17, .Net Framework 4.5, .Net Core, Asp.Net Web API, C#, SQL Server, GIT, Team City, Nuget Package Manager, AutoMapper, Dapper, Entity Framework, Stackify, New Relic, Prefix.

Project: HR CheckIns

The project was aimed at providing way for managers to gather feedback from anyone about their direct reports and integrate the desired feedback as part of their performance feedback in order to determine a 360 degree look at their performance.

I have been part of following user stories:

- Design database for capturing employee feedback.
- Setup HRCheckIns UI application in React JS.
- Create API endpoints to perform CRUD operations on Employee Feedback.
- Create new page in Talent Management to display Feedback captured to Manager and show the feedback to employee at time of discussion.

Responsibilities:

- Develop base setup for HRCheckIns UI application in React JS.
- Create API endpoints to perform CRUD operation on Employee Feedback.
- Create and implement Rules Engine to handle complex validation logic for feedback.
- Update existing Talent Management application in Ember JS to load captured employee feedback.

Environment: React JS, React-Redux, VS Code,Visual Studio 2015, .Net Framework 4.0, Asp.Net Web API, C#, SQL Server, Team City, Nuget Package Manager, Entity Framework, Stackify, New Relic, Prefix.

Project: Upgrade HR Document Store

Objective of this project was to add file upload feature to new developed screens and migrate file storage from Document Store to File Store hosted in Azure.

I have been part of following user stories:

- Integrate file store API's with existing solution.
- Provide file upload and delete functionality existing HR screens
- Create system design so that existing documents stored in document storage can be migrated to File Store as needed.

Responsibilities:

- POC for integrating file store API's with current system
- Work with team that developed file store and document all the endpoints required to support integration of file store API with existing system.
- During the project we provided file management feature to Employee Screens, HR screens, Goals.

Environment: Boost (Internal Framework build on top of Kendo UI), Visual Studio 2015, .Net Framework 4.0, Asp.Net Web API, C#, SQL Server, Team City, Nuget Package Manager, Entity Framework, Prefix.

Project: Talent Management

This project aimed at providing:

- HR more tools and easy UI for creating Performance Review templates
- Managers with ability to provide feedback for employee based on template created by HR and review feedback provided by employee with employee
- Employee with ability to provide his comments for performance review and discuss with Manager about his feedback and close performance review after mutual agreement on performance review.

I have been part of following user stories:

- Modify existing application to make common Rating Scale Question component for performance Review forms.
- Integrate tinyMCE with Ember JS to provide Rich Text Editor to HR's, Manager's and Employee to capture their feedback and create performance reviews.
- Create functionality to add weighted score by HR to Questions.
- Securely capture response from RTE and prevent any XSS attacks.
- Updated design of Talent Management UI to map with new style guidelines adopted by organization.
- Integrated Messaging API with Talent Management so that email is send based on desired workflow to HR, Manager or Employee.

Responsibilities:

- Learn Ember JS and mentor other team members on the framework.
- Requirement analysis, support and enhance the existing system based on product requirements.
- Create reusable Rich Text Editor in Ember JS and style it as per Paycor Design Guide.
- Create code to enforce business rule in UI to implement common rating scale based on question type.
- Update design on pages in Talent Management to adhere with new Paycor Design Guide.
- Prevent XSS attack by securing application using HTML Agility pack.
- Provide Integration and System testing support.
- Code review.
- Mentor junior team members.

Environment: Ember JS, Visual Studio 2015, .Net Framework 4.0, Asp.Net Web API, C#, SQL Server, Team City, Nuget Package Manager, AutoMapper, Entity Framework.

Client: Verizon, Dallas, Texas (TX), US   **Oct, 2015 to Nov, 2016**
Tech Lead/Senior Developer

Project: Billing Service

Customer is providing private cloud services to various organizations across the globe and based on the usage of the cloud it charges its customers. The project aims to enhance and provide new features to customers cloud billing services and modify internal billing portal based on product/audit demand.

I have been part of following user stories-

- Stop offline customer's usage data from flowing to Aria.
- Add search functionality to Billing Viewer based on Cloud Space type.
- Defect fixes.
- Developed Poller service to consume data from REST API and insert/update DB based on business rules.
- Created authentication layer on top for services for exposing the services to outside world.
- Modified SSRS reports to include Data Centre information.
- Developed tools for faster comparison of Usage Data between various feeds.

Responsibilities:

- Requirement analysis, support and enhance the existing system based on product requirements.
- Work with client development team in understanding the current system and provide support in removing the dependency of billing system on third parties.
- Provide Integration and System testing support.
- Perform Root Cause Analysis and provide remedial steps and solution.

- Onsite/Offshore coordination.
- Code review.
- Monitor and identify the bottlenecks in the system and fix them.
- Develop HLD document.

Environment: Visual Studio 2012, .Net Framework 4.0, ASP.Net MVC 4.0, Asp.Net Web API, C#, My SQL, JIRA, Team City, Nuget Package Manager, AutoMapper.

Client: US Bank, Richfield, Minnesota (MN), US   **Oct, 2013 to Sept, 2015**
Tech Lead/Senior Developer

Project: Online Banking (OLB)

The customer has embarked on Internet Channel Refresh Program based on Corillian product to address customer service and create a strong revenue stream. In line with this aim customer has deployed Fiserv Online Banking Product, leverage technology platform to address requirements and current limitations. The scope of work is design and development of enhancements/PCR of web pages, defect fix for online banking platform for various releases as defined by customer.

I have been part of refactoring\development of following projects-

- Login Assistance
- Common Framework
- Transfer & Payments
- E-Documents
- Paperless Preferences

Responsibilities:

- Actively involved with business analysts and project manager to analyse the business needs and business process models
- Involved in different phases of SDLC including requirements gathering and analysis, design, coding, unit testing and performance testing.
- Refactored existing code on modules like Login Assistance and Transfers & Payments.
- Converted jQuery templates and Knockout.js implementation to MVC framework using ASP.NET MVC 2.0.
- Developed User Interface for modules likes Login Assistance, Transfer & Payments, E-Documents and Paperless Preferences using MVC 2.0.
- Involved in the module designs including writing Technical Design Documents (TDD)
- Used LINQ for manipulating, filtering & grouping data
- Involved in code review and application performance enhancements, Trouble Shooting and resolving critical issues.
- Used TFS for source control.
- Provide Integration and System testing support.
- Perform Root Cause Analysis and provide remedial steps and solution.
- Onsite/Offshore coordination.
- Code review.

Key Achievements:

- Designed module Go Paperless.

- Using Asynchronous calls to interact with multiple WCF services and pull records and display it on UI using WCF and Asp.Net MVC.
- Developed common logic to pull records from third party vendor for various types of documents and display it on UI using WCF and Asp.Net MVC.
- Designed and developed generic wrapper class module for audit logging using C#.
- Created common code templates to be implemented across various tires of the project using VS 2008 IDE.
- Used Re-sharper and Fx-Cop for code cleanup and enforcing coding guidelines as per customer policies.

Environment: Visual Studio 2008, .Net Framework 3.5, ASP.Net MVC 2.0, C#, WCF Services, SOA Architecture and TFS.

Client: US Bank, Irving, Dallas (TX), US   **Mar, 2013 to Sep, 2013**
Senior Developer

Project: ISO Reconnect

The project was intended to enhance customer's current web utility to guarantee an improved customer experience. These changes will assure the user interface not only has an improved look and feel, but will also aid in usability through new interfaces and refined content.

Responsibilities:

- Interact with the customer for business understanding and requirement gathering.
- Development of web pages using ASP.NET 3.5 and Telerik Rad Controls.
- Mentored team members to upscale them to work with Rad controls.
- Working in a collaborative development environment, providing assistance & technical guidance to fellow team members.
- Provide Integration and System testing support.
- Perform Root Cause Analysis and provide remedial steps and solution.
- Prepare technical design documents, perform code reviews, debugging and testing.

Key Achievements:

- Learned and developed pages using Telerik controls simultaneously without impacting the deliverables.
- Created reusable generic user control to be used across the application using generics in C#.
- Used Expression Tree to create custom reusable radgrid to be consistent across all screens with similar functionality.

Environment: VS 2008, .Net Framework 3.5, C#, Telerik Rad Controls.

Client: Philips, Kolkata, West Bengal (WB), India   **Oct, 2012 to Feb, 2013**
Senior .Net Developer

Project: CRMT (Client Research Management Tool)

The project is about development, enhancement, and migration of different modules in Clinical Research Management Tool. The Clinical Research Management Tool helps customers research team to address an end to end process starting with medical research project, relevant research agreement initiation, maintain research documents, value additions and numerous deliverables associated with the project. This tool also provides an opportunity to keep the budget and funding information for different research project with numerous medical universities around the world thereby providing the required transparency. These medical research projects are done by Philips Medical System to find the

solution for preventing and curing complex diseases in healthcare sector. This is the only tool in Philips which provides efficient medical research project management.

Responsibilities:

- Interact with the customer for business understanding and requirement gathering.
- Interact with the testing team and resolve all there queries related to business.
- Explain the business requirements to the team members and get their queries rectified from customer.
- Prepare scenario document and business understanding document and get approval from customer.
- Develop various modules as per business requirement e.g.: Organization Chart, Automated mail triggering module and SQL Server job to migrate data from one database to another.
- Developed chart reports in SSRS.
- Unit testing of modules and bug fixing of issues reported in UAT.

Key Achievements:

- Learned and developed modules based on MVC 3.0 simultaneously without impacting any deliverables.
- Development of Organisation Chart using MVC 3.0.
- Created SQL Server job to migrate data from one database to another.
- Learned Repository Pattern.

Environment: Visual Studio 2010, .Net Framework 4.0, ASP.Net MVC 3.0, SQL Server 2008 R2 and SSRS.

Client: Global Payments, Kolkata, Wes Bengal (WB), India   **Mar, 2012 to Aug, 2012**
Senior .Net Developer

Project:

Customer is a fortune 1000 company & renowned electronic transaction processing services provider. It provides its services to a large group of people across the globe. Currently end users of customer of a specific country are dependent on manual intervention for getting his\her transaction details. The project aims at removing this manual intervention process and provides end user's a portal through which they can access their transaction details there by reducing the waiting period.

Responsibilities:

- Coordinating with the onsite team in understanding & finalizing the business requirements.
- Coordinating with the design team in developing the prototype of application on the basis of business requirements.
- Branding of Master Page in SharePoint 2010 based on final design.
- Development of code based on business requirements using ASP.NET, JavaScript, jQuery and C#.
- Design and development of database.

Key Achievements:

- Branding of Master Page in SharePoint 2010.

Environment: Visual Studio 2010, .Net Framework 4.0, ASP.Net, C#, SharePoint 2010 and SQL Server 2008 R2.

Client: United Health Group, Kolkata, Wes Bengal (WB), India   **Apr, 2010 to Jan, 2012**
Senior .Net Developer

Project: Omega

Customer is among the largest managed health care service provider in United States. To provide their health care service to the end user customer has various BPO's which look after the claims required for processing. The aim of the project is to provide customer & its captive team the following functionalities

- Real time claim processing and auditing.
- Tracking of productivity on real time basis.
- User Management.
- Reporting
- Schedule Management
- Tool Administration.

Responsibilities:

- Interacting with the customer in understanding & finalizing the business requirements.
- Explaining and guiding the team about the business requirements.
- Working in coordination with the client's technology team for performance testing and performance tuning of application code and database queries.
- Provide support & do enhancements based on customer & end users feedback.
- Development of code based on business requirements using ASP.NET, JavaScript and C#.
- Development and performance tuning of database queries and stored procedures.
- Development of SSIS package for integrating data coming from customer's other applications into tool.
- Development and enhancement of existing SSRS reports.

Key Achievements:

- Received two awards for contribution in project.
- Performance tuning of database queries and stored procedures working closely with client DBA.
- Performance tuning of web layer using ant's profiler and client's performance testing team.
- Developed functionality to automate process of adding users to the system using MS Excel and C#.
- Developed SSIS jobs for data transfer.
- Developed SSRS charts and SSRS drill down reports for end user to be displayed in UI.

Environment: Visual Studio 2008, .Net Framework 3.5, ASP.Net, C#, SQL Server 2008 R2, SSRS & SSIS.

Client: United Health Group, Kolkata, Wes Bengal (WB), India   **Nov 2009 to Mar 2010**
.Net Developer

Project: MACS (Management Application for Customer Segmentation)

Customer is among the largest managed health care service provider in United States. The aim of the project is to provide customer a web solution through which it can capture various healthcare policies across its organization and its mapping with various adjustors located across the globe. The project also provides the facility of creating reports based on policy-adjustor mapping.Real time claim processing and auditing.

Responsibilities:

- Development of web pages based on business requirements.
- Preparation of Unit Test cases & System Test cases.

Key Achievements:

- Learned C# coding standards and best practises.
- Timely delivery of deliverables.
- Learned writing DB queries and stored procedures.

Environment: Visual Studio 2005, .Net Framework 2.0, ASP.Net, C#, SQL Server 2005, SSRS.