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| Dilip Kumar  [raj.avco@gmail.com](mailto:raj.avco@gmail.com) |  |
| Charlottesville, VA 22902   |  |  |  | | --- | --- | --- | | **Employer Details** | Shekhar |  | | [shekhar@avcoconsulting.com](mailto:shekhar@avcoconsulting.com) | 508-919-8035 | [Hotlist URL](mailto:bit.ly/ShekharAvco) | |  |
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**Profile:**

* 6 years of work experience in IT industry with emphasis on Software Analysis, Design, Development, Implementation, Deployment, Maintenance and support of various Client/Server, N-tier and Web applications.
* Very Strong experience on Microsoft .Net based Web and Windows applications, Development using

.NET with ASP.NET, C#.NET, WPF, WCF, ADO.NET, SQL Server and XML.

* Expert in design and development of n-tier web applications utilizing ASP.NET, ASP.NET MVC, ADO.NET, Entity Framework, jQuery, Angular JS, Bootstrap and SQl Server.
* Developed XML Web Services in C#, VB.Net and SOAP for information exchange across applications.
* Developed Web API services and hosted with ASP.NET MVC5 application.
* Rewrote Web Portal from classic asp to ASP.Net MVC 4.0 and added new functionalities.
* Created WCF services to consume Template promotion automation service from other portal and applications.
* Developed new functionalities to the existing user facing application, mostly using Microsoft based technologies like ASP, JavaScript, HTML, XML, AJAX, CSS and IIS.
* Experience in developing Web based applications in MVC Architecture.
* Extensive experience in developing ASP.NET based Web Forms.
* Proficient working with Stored Procedures, Functions and Views on SQL Server.
* Implemented restful web services to communicate and retrieve data from different orgs.
* Share information and collaborate with Partners inside and outside our company who are key to our business processes using Communities.
* Experience in development using Agile/Scrum Methodologies.
* Involved in the requirement gathering between two business groups.
* Excellent communication and inter-personnel skills.
* Ability to adapt quickly to challenges and changing environment.
* Excellent team player, self-motivated, quick learner and with good trouble-shooting capabilities.

**TECHNICAL SKILLS:**

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|  | .Net Technologies | .Net Framework (2.0/3.0/3.5/4.0/4.5), WPF, WCF, Asp.Net, C#, | |  |
|  |  | ADO.Net |  |  |
|  | Web technologies | HTML, CSS, JavaScript, AJAX, XML, HTML 5 |  |  |
|  | Database | SQL Server 2008,2012 Oracle 10.0, MS Access 2010/2007 | |  |
|  | Development Tools | MS Visual Studio 2010/2012,2015 SQL Server 2008 R2/2012 | |  |
|  | Web Servers | IIS 5.0/6.0/7.0 |  |  |
|  | Operating System | MS Windows Server 2008, MS Windows 7/Vista/XP |  |  |
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| **EDUCATIONAL QUALIFICATION:** | | |  |  |
|  Bachelors of Technology in Computer Science, Hyderabad, India. | | |  |  |
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| **WORK EXPERIENCE:** | |  |  |  |
| **Client: CFA Institute, Charlottesville, VA.** | | | **Feb’18 – Present** |  |
| **Role: .Net Developer** | |  |  |  |

**Description:** CFA Institute is integrating its various enterprise platforms to a single application enterprise.Developing and re-modelling applications, exists to solidify the contract of expected routes and passed data between CFA internal system and external systems. All the gateway API’s will be deployed to Azure and has been a tightly coupled application ecosystem, handled through octopus. All the development has been started with a cross-functional work environment. Requires a lot of development, communication between teams and also maintenance of existing applications.

**Responsibilities:**

* Actively participated in Designing, Development and Bug fixes, analyzing user requirements and defining functional specifications.
* C# development with back-end and front-end, Web API experience to communicate back-end systems, design and development of .net components.
* Project implementation planning, which involves gathering and distribution of features (business models) among teams, PI planning is mainly involved to plan, define, organize and work.
* Understanding of design patterns and object-oriented principles.
* Handling run-time errors and design time errors by implementing appropriate error handlers.
* Developing Software solutions for enterprise applications and Web services using tools like Git, Microsoft Visual Studio, Team Foundation Server.
* Constructing complex programs and applications using object-oriented languages and web development technologies such as C#, Web API, Entity Framework, HTML, CSS, jQuery, Bootstrap, MVC, AJAX, SASS, .Net framework, and SQL.
* Developing custom jQuery plug-ins and continuously update and maintain the plug-in library.
* Creating and consuming RESTful Web Services and Web APIs.
* Developing the front-end of the application using Java Script, jQuery, HTML and CSS.
* Designing developing and implementing web based responsive applications for seamless experience across Mobile and desktop devices and adhering to the WCAG 2.0 standards.
* Developing and implementing test validations of the applications using Mocha and assist in performance testing, integration testing and load testing.
* Fix of defects arising out of system integration, API testing and user acceptance testing.
* Fixing the bugs that raise in production to avoid the further issues, assist support team.
* Maintenance of development, QA and production infrastructures/environments.
* Developing and unit-tests functionality based on design specifications, adhering to code standards, reviews design and code to ensure standards compliance, leverages re-usable code components.
* Deployments the projects and support them in Azure Infrastructure by creating all the required variables and support items.
* Researching and analyzing existing systems and implementing programs for new systems or enhancements to existing systems.
* Collaborating with other engineers, business teams and management to achieve optimal application architecture and design.
* Documenting solutions and processes within an Agile software development environment.

**Client: NCP Solutions | Harland Clarke, AL**

**Role: .Net Developer**

**Sep’17 – Jan’18**

**Description:** NCP Solutions works with clients across select industries, including financial services,insurance, healthcare, the public sector, hospitality, telecommunications and utilities. For more than 40 years, companies have relied upon NCP industry-leading expertise, freeing them to focus time, energy and resources on their core business needs and on what matters most to them – creating value for their customers.

**Responsibilities:**

* Responsible for analysis, design, implementation, management and maintenance of full software development life-cycle (SDLC) project.
* Worked with business analyst to gather system requirements.
* Developed a Graphical User Interface (GUI) for a server-side & client-side web application with Angular 2, ASP.Net MVC, HTML5, CSS3, jQuery, JavaScript, Bootstrap Dash UI, Full Calendar and REST Full Web Service in Visual Studio 2015.
* Extensively worked on developing WEB API, used JIRA board to maintain the daily activity.
* Used dependency injection for resolving dependency, designed REST Full Service for update, get, delete, and insert data.
* Used entity framework code base First Migrations and Data Base First.
* Handled backend functionality using ASP.Net MVC 5 Controllers with C# in Visual Studio 2015.
* Created and managed database objects in Microsoft SQL Server 2012 which were accessed through ASP.Net MVC 5 models in Visual Studio 2015.
* Utilized entity framework 5 and LINQ to entities to establish connections with the database.
* Used auto mapper to map model and data set.
* Implemented HTML5, CSS3 and Bootstrap Dash UI for designing.
* Used Entitlement for permission, used TFS for source code version control.
* Analyzing test results and recommending modifications to the applications to meet project specifications and requirements.
* Participating in the deployment of the applications into existing systems and databases.

**Client: CIGNA Health, CT**

**Role: .Net Developer**

**Jan’17 - Aug’17**

**Description:**Cigna is a Global Health Service Company dedicated to helping people improve their health, well-being and sense of security. Cigna Connects Devices, Doctors, and Data to improve patient care, offers Medicare products and health, life and accident insurance coverages.

**Responsibilities:**

* Supported a Web Based Remote Patient Management System through design, development, testing and support and actively participated in Deployment and Bug Fixes.
* Played an active role in all stages – requirement gathering, analysis and design, development, testing, debugging, implementing and deployment of the application.
* Used MVC4.0 design pattern along with jQuery for developing Web Portal.
* Worked on code merges from other branches to support newly designed device model.
* Proficient experience in working with WEB API.
* Extensive experience in development, implementation and testing in various applications.
* Experience in creating wireframes, storyboards, user flows, process flows and site maps to effectively communicate interaction and design ideas.
* Experience in developing unit test cases using Karma, Mocha and Protractor to perform end-to-end testing on Angular applications.
* Experience in working with RESTful Web-Services and implementing RESTful API's.
* Responsible for checking cross browser compatibility, Responsive Web Design and hence worked on different browsers like Safari, Firefox, Google Chrome and Internet Explorer.
* Used TFS for source code version control.
* Created and managed database objects in Microsoft SQL Server 2012 which were accessed through ASP.Net MVC 5 Models in Visual Studio 2015.
* Implemented data-binding and MVC using Angular for front-end development of a current web application.

**Client: Video Gaming Technologies Inc. TN.**

**Role: Software Developer**

**Feb’16 – Dec’16**

**Description:** VGT Inc. is an aristocrat based company serving almost all casinos in USA by developinggames and web based applications**.** VGT is a leading North American developer, manufacturer and distributor of casino games and emerging markets. The company has more than 20,000 terminals in more than 140 locations in United States.

**Responsibilities:**

* Software development using Agile Software Development methodologies.
* Experience in all the phases of System Development Life Cycle (SDLC) such as strategy and analyzing, designing, building (coding), testing and documentation of software products.
* Web portal we-write from classic asp to ASP.Net MVC 4.0and added new Functionalities.
* Used jQuery as JavaScript Library for handling Ajax calls and client-side validations.
* Created WCF Services to consume Template promotion automation service from other portal and applications.
* Extensively used ADO.NET objects such as Data Adapter, Dataset, Data Reader, and Data View.
* Developing XML Web Services in C# and SOAP for information exchange across applications.
* Developed user interface (Web Forms) for the modules using ASP.NET server controls, Validation controls, HTML for the front-end ordering system.
* Implemented Validation Controls, Created Master Pages, used themes, skins and CSS to improve look and feel of the Webpages.
* Developed SQL store procedures and complex queries in SQL Server 2008.
* Created Entity classes, relationships between entity classes using Entity Framework to manage relational data as objects.
* Used SQL Server Reporting Service (SSRS) for reporting.
* Extensively involved in writing Unit test cases using NUnit.
* Created New Interfaces using the SSIS packages to transfer data between the modules.
* Lead the Team of 4 members in offshore.

**Client: State of NY, Albany, NY**

**Role: .Net Developer**

**July’14 – Jan’16**

**Project Description:** This project is a web-based application for online registration of a business. It willallow users to pay fee for existing business, register for a new business and to change the name of the business. The project was to develop registration module involving User Summary, registering account, Change name and also to develop account module that provides provision to collect taxes and to account the information of taxes received.

**Responsibilities:**

* Responsible for analysis, design, implementation, management and maintenance of full software development life-cycle (SDLC) project.
* Worked with business analyst to gather system requirements.
* Implemented and extensively used the Object-Oriented Programming concepts in C#, VB.Net and ASP .NET MVC5.
* Developed Web API services and hosted with ASP.NET MVC5 application.
* Created and optimized views for user interactions using objects of HTML5 Helper class, Custom Helpers and jQuery, developed web services using WCF for new enhancement.
* Created data entry in the application, with LINQ to query objects.
* Used the AJAX tools like Update Panel etc. for partial post back and used JavaScript for client-side validations.
* Used ADO.NET Entity Framework Code First for data access logic, querying and manipulation data.
* Utilized jQuery for the client-side validations and AJAX calls to communicate with SOAP/REST services by using XML and JSON data.
* Created Stored Procedures, Views, Triggers and Complex T-SQL queries in SQL Server.
* Used the Microsoft SQL Server Reporting Services to display the data in reports form.
* Created and deployed SSIS packages to production, schedule them to run on routine basis and monitor error log for errors.
* Implemented Unit Testing, Integration Testing and System Testing using NUnit.
* Used Team Foundation Server (TFS) for project repository and versioning control.
* Followed agile methodology for development.
* Performed several testing to fix the bugs and ensure the application error-free.
* Experience in front end development using HTML5, CSS3, and jQuery, JavaScript, Typescript, XML and Bootstrap.
* Developed and configured various Reports and Report Folders for different user profiles based on the need in the organization.

**Client: TCF Financial Corp, Chicago, IL**

**Role: Software Developer**

**Nov’13 – June’14**

**Project Description:** Mortgage Express (ME) is a project which deals with building the architecture andintegration of various platforms that starts from loan origination to loan approval and funds the loan. Current legacy loan processing system contains manual work flow which is taking Time to fund the Loan. Mortgage Express is going to automate the Manual workflow and reduce the Time to fund the loan. The applications that are involved are MAX (Mortgage Application), MPX (Mortgage Processing), LPP (Loans Processing Platform), On Base, Captiva (image scanning and capturing), Doc Conversion.

**Responsibilities:**

* Understanding Business requirements, Analyze and Design the business requirements documents (BRD).
* Software development using Agile Software Development methodologies.
* Defining and Setting up Application Review (Functional Flow) of the Mortgage Express.
* Defining and Setting up Code Review (Coding Standards and Convention).
* Develop Business logic layer by implementing Object Oriented Programming languages and involved in designing and developing the Windows Services and Web GUI for the user interface with various controls.
* Implemented the changes/modifications like iterative/incremental development and used .NET Framework and Object-Oriented Methodologies for application development.
* Interacted and setup the 3rd party vendor connectivity 3rd party vendors used for property check, address standardize and Credit check of borrowers.
* Developed application in MVC Model, View and Controller Using SQL server.
* Implemented and consumed multiple Web Services for feeding data to multiple applications.
* Used JavaScript and AJAX for client-side validations and scripting in the Web Pages.
* Extensively used State Management Techniques like Sessions state to maintain state between the ASP.NET pages.
* Implemented the Data Access Layer and was involved in writing and maintaining complex SQL Queries and the required` Stored Procedures and Triggers, extensively involved in performing SQL Performance tuning.
* Designing the automated scripts for installation and application build and deployment of the new enhancements.
* Extensively involved in performing Unit Testing and Functional Testing.

**Client: SANOITS IT, Hyderabad, India**

**Role: Software Developer**

**May’12 – Jul’13**

**Description:** Sanoits is a Custom Software development service provider to clients, works closely withthe clients to understand the business objectives, Custom software development services helps client build and integrate sophisticated business applications. Creates and deploy robust and scalable and extensible architectures for use in a wide range of industries.

**Responsibilities:**

* Developed new functionalities to the existing user facing application, mostly using Microsoft based technologies like ASP, JavaScript, HTML, XML, AJAX, CSS, and IIS.
* Implemented the Model View Controller Pattern (MVC) 3.0 to ease the complex development environment.
* Enabled fast coding work flowable, and quickly integrate server code into HTML markup with a minimum of keystrokes using Razor Views.
* Worked extensively with HTML Helper functions to build ASP.Net pages which enhance the productivity of MVC applications.
* Used jQuery and AJAX in the web interface development.
* Used WCF Jason in developing and deploying on windows in line with the Service Oriented Architecture (SOA).
* Used Team Foundation Server to maintain the version and source control.
* Used Entity Framework to generate Model (Data Access) Classes to differentiate the Business Classes and Data, and used LINQ to Entities.
* Implemented Cascading Style Sheets (CSS), Master pages, and HTML5 for maintaining uniformity among all Web pages in GUI.
* Worked extensively on SSRS reporting services for creating reports.
* Responsible to fix bugs and maintain application. Worked in Production Support Team.
* Creating and implementing web user and custom controls to enable reusability.
* Requirement analysis and writing Technical Work Specification for offshore developers.
* Involved in troubleshooting and resolving issues related to integration.
* Wrote test class for classes related to the project, helped other teams in writing it and always maintained more than 85% of code coverage
* Worked on Email to Case Services, implemented custom development to meet user requirements.