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**AFROZ SHAIKH Sr .Net Application Architect/ Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* 11+years of experience in architecting, designing and developing complex web-based applications using Microsoft stack such as ASP.NET, MVC, and SharePoint Angular etc.
* Microsoft Certified Professional .NET Developer with a passion for software development especially with agile practices such as Test Driven Development, with an in depth knowledge of different Design Patterns.
* Provided strategic architectural directions and executions for various software projects.
* Expert in analysis and create solutions for migration of legacy application to new Platforms. Define application development roadmap. Design innovative solutions to business problems and enhancement requests, taking full account of existing system design constraints
* Work with other Architects and Project Teams to facilitate alignment among architecture decisions Develop and produce Architecture artifacts, technical designs, strategy documents and other technical artifacts. Extensive experience in working with global teams Asia pacific, Europe, US Business teams.
* Experience working on front-end web development using Angular/Angular2 Framework, HTML, CSS, Bootstrap, JavaScript, and jQuery
* Helps to define standard methods and processes for system integration, ensuring adoption and use of those standards. Extensive Experienced on app development using message queue.
* Driving workshops with Business teams from various regions for requirements and business process refining.
* Creates detailed architectural specifications to document the architecture decisions; communicates the architectural specifications to designers, developers, contractors and business sponsors in a directly actionable, clear and unambiguous manner. IT optimization using value added IT innovations.
* Excellent team member with good analytical, team managing skills, problem solving, planning and interpersonal skills, highly motivated and enthusiastic.
* Experience in monitoring system performance and providing solution to improve performance. Used mainly Microsoft Application Center Test (ACT), SQL Profiler and Index Tuning Wizard for Performance Tuning.
* Experience in SQL, Stored Procedures, Triggers, DTS packages, SSIS Installation of SQL Server 2000/2005 and Oracle databases. Administrative experience with SQL Server, IIS 5.0/6.0/7.0 and Web Hosting.
* Proficient in using Microsoft Visual Studio.Net, MS Front Page, MS Share Point Portal Server, Windows SharePoint Services 2.0/3.0 and MOSS 2007.
* Created various Modules, Components for the entire application using Angular 2.
* Lead in the development of custom software and business intelligence solutions that streamline client business proficiency to meet bottom line.
* Authored and participated in architectural review and exploration for Kellogg Company.
* Customized and implemented dynamically pluggable software architecture for maximum flexibility, extensibility, and maintainability using MEF.
* Designed and implemented Service-Oriented Architecture solutions for Kellogg’s Advanced Revenue Growth Management System.
* Conceptualized and designed application user interfaces to enhance user experience.
* For Kellogg Company (Consumer & Goods Company) as the Sr. Net Software developer, I designed and implemented a middle tier scalable messaging system. I was also responsible with mentoring their team, implementing best practices including automated builds, automated unit testing, and code reviews.
* For several of our new projects, I developed proof-of-concept applications and created estimates with high level technical plans using C#, WCF, Silverlight, WPF, XAML, ASP.NET, MVC, Angular, ADO.NET and SQL Server. I worked with the client and project manager to identify high level project requirements, technical direction and client time lines.

**CERTIFICATION:**

* Microsoft .NET Framework 3.5, ASP.NET Application Development
* IBM Certified Designer Cognos 8 BI Reports

**EDUCATON:**

* Masters in Computers, Pune University, India (2006)

**TECHNICAL SKILLS:**

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| **SharePoint** | SharePoint 2013/2010/MOSS 2007 |
| **Programming Languages** | C#, VB.NET |
| **Web Technologies** | JavaScript, jQuery, Angular JS, HTML, XML, CSS, XSL. |
| **Microsoft Technologies** | SharePoint Central Administration, SharePoint Designer  2013/2010/2007, InfoPath 2010/2007, PowerShell, STSADM, MS Office Project Server 2010, MS Visio, Team Foundation Server |
| **.Net Technologies** | .NET Framework 5.0, 4.5/4.0/3.5/2.0, ASP.NET, ADO.NET, Ajax, WCF, Web Services (SOAP & REST), LINQ and IIS |
| **IDEs** | Microsoft Visual Studio 2017/2015/2013/2012/2010/2008/2005 |
| **Reporting** | Crystal Reports, Business Object 3.1/4.2, SSRS and Tableau |
| **Scripting** | VB Script, Java Script, PowerShell, JQuery, Angular JS, JSGrid,  PivotTable, Knockout JS. |
| **Tools** | Telerik, Syncfusion, Handsontable, , JQXWidgets |
| **RDBMS** | Microsoft SQL Server 2012 /2008/2005 |
| **Operating Systems** | Windows Server 2003/2008 R2, Windows 7/XP |
| **Methodologies** | Waterfall, Agile Scrum, Hybrid |

**EXPERTISE IN SHAREPOINT:**

* Experience in migrating SPS2010/MOSS 2007 to Office 365. Upgrading MOSS 2007 to SP 2010 WSS3.0 to MOSS 2010.
* Hands on experience with both Client and Server side object model programming.
* Developed and Deployed Sandbox Solutions, Custom Web Parts, Event Handlers, Feature Solutions, Custom Site Definition, Custom List Definition, Site Columns, Content Types, Event Receiver and Web Services.
* Experience in developing InfoPath 2007/2010 forms. Experience in Backup and Restore of the SharePoint Servers with PowerShell and STSADM command tools.

**ADDITIONAL KEY AREA OF EXPERTISE:**

* Used Java Message Service (JMS) API and IBM Web Sphere MQ to create, send, receive, and read messages to main asynchronous in SAP Company (Liquidity Management System)
* Hands on experience in SQL Server 2014/2008/2005, Expertise in creating Complex Stored
* Procedures, Queries for the application team and for the end users based on the business
* Requirements. Developing reports using Crystal Reports, SSRS, Business Objects 3.1, Business Objects 4.1, Tableau 9.5
* Experience in software development lifecycle using waterfall, agile and hybrid methodologies. Experience developing Universe using SAP Business Objects
* Having hands on experience in designing and developing software solutions for Digital Marketing, Products, Banking, Mobile and Reliability.
* Identity and Access Management including granular level of access, roles mapping in integrating with multiple IAM technologies

**PROFESSIONAL EXPERIENCE:**

### **Kellogg, Battle Creek, MI Aug 2016 – Till Date**

### **Sr. Full Stack Consultant (.Net, Java)**

### **Project Title: Advanced Revenue Growth Management**

**Description:**

*Advanced Revenue Growth Management Tool is a holistic system based approach to extract data from SAS Grid and create reports using JQuery and Bootstrap. This Application was developed using* [*ASP.NET*](http://ASP.NET)*, Bootstrap, MVC5, Angular JS and SQL Server 2014 and Handsontable, JSGrid*

**Roles and Responsibilities:**

* Design software systems with various Microsoft technologies and ensure compliance to all architecture requirements. Integrated Tableau reports into web forms.
* Coordinate with various departments and analyze requirements of architectural team.
* Develop solutions for various components and recommend changes for various customers.
* Design architecture for various different components and validate tools.
* Participate in architectural meetings and analyze all technical requirements for tool
* Review infrastructure for any issues and recommend solutions.
* Establish architectural methodology of all deliverables.
* Built front-end SPA using HTML5, Angular2 and Bootstrap and backend server using ASP.NET Web API
* Designed and developed using framework Angular 2 along with HTML5, CSS3 and Typescript.
* Monitor application architecture and ensure appropriate implementation of all solutions.
* Develop architectural principles and standards for various IT groups.
* Assist enterprise architecture team on all governance activities.
* Evaluate all. Dot Net documents and record observation.
* Coordinate with architects and analysts and maintain technical knowledge.
* System test planning and Unit testing using the Microsoft Unit testing.
* Involved in daily and weekly scrum meetings to discuss various aspects of the code related to individual modules.
* Tested the code developed to ensure it accurately captured the existing business processes.

**Environment:**

ASP.NET, C#.Net.NET Framework 5.0, Web API, Bootstrap, ASP.Net MVC, JQuery, ADO.Net Entity Framework, SSRS, HTML5, DHTML, Angular 2, JavaScript, Bootstrap, C#, SQL Server 2012, TFS, Handsontable, Grid.

### **Reliability Web, Fort Myers, FL Mar 2016 – Aug 2016**

### **.NET Solution Architect**

### **Project Title: EAM Assessment Tool**

**Description:**

*EAM Assessment Tool is a holistic system based approach to reliability that includes: Technical Elements, Cultural Elements, and Leadership Elements. This Application was developed using* [*ASP.NET*](http://ASP.NET)*, SSRS, MVC5, Angular JS and SQL Server 2008 R2.*

**Roles and Responsibilities:**

* Coordinate with various departments and analyze requirements of architectural team.
* Develop solutions for various components and recommend changes for various customers.
* Design architecture for various different components and validate tools.
* Participate in architectural meetings and analyze all technical requirements for Dot NET applications. Review infrastructure for any issues and recommend solutions.
* Establish architectural methodology of all deliverables. Monitor application architecture and ensure appropriate implementation of all solutions.
* Develop architectural principles and standards for various IT groups. Assist enterprise architecture team on all governance activities. Evaluate all Dot Net documents and record observation.
* Design and develop the Application using ASP.Net MVC, Razor Syntaxes, and Razor view engine.
* Developed User Interface using HTML5, CSS, JQuery, Angular JS, JavaScript, and Bootstrap.
* Responsible for making AJAX Calls for the UI Interactions to the Controller Actions using JQuery and getting the Data back as JSON and parsing it onto the UI.
* Developed application using Angular JS
* Developed the Business Layer Component using C#.
* Developing the database objects like Tables, Views, and Complex T-SQL Stored Procedures involving Joins and using Temporary Tables, UDF(User Defined Functions)
* Involved in changes to WCF Web Services, to handle request from POS server and responded back with the required information by getting the information from the Database.
* System test planning and Unit testing using the Microsoft Unit testing.
* Involved in daily and weekly scrum meetings to discuss various aspects of the code related to individual modules.
* Tested the code developed to ensure it accurately captured the existing business processes.

**Environment:**

ASP.NET, C#.Net.NET Framework 5.0, WCF, ASP.Net MVC, JQuery, ADO.Net Entity Framework, SSRS, HTML5, DHTML, Angular JS, JavaScript, Bootstrap, C#, SQL Server 2008 R2, JQXWidgets, Agile, TFS, PivotTable JavaScript.

### **Siemens Energy Inc., Charlotte, NC Jan 2016 - Mar 2016**

### **Sr. SharePoint Developer**

### **Project Title: KPI-Dashboard**

**Description:**

*Designed, migrated existing Excel reports to Tableau 9.2 using SharePoint 2013 List as a data source. We have developed 7 KPI’s using Tableau 9.2 as per client requirement by extracting data from SharePoint List.*

**Responsibilities:**

* Involved in all the phases on SDLC from requirement gathering, analysis, design, estimates, build and unit testing activities. Extract Data from SharePoint List to Tableau. Designed KPI’s dashboard, Story Boards, adhoc reports using Tableau.
* Integrate Tableau with SharePoint using Tableau JavaScript API.
* Deployed running Dashboard KPI on Tableau Server. Developed queries based on business requirement. Provided ongoing troubleshooting, defect and enhancements.
* Performed data validation and testing of the reports by running queries in DEV environment.
* Participated in agile processes like sprint backlog to detail the business requirement, daily standup to update status on tasks, sprint-demo to demonstrate the features implemented, sprint-retrospective to improve the process and sprint-planning to commit on the stories and bugs.

**Environment:** Tableau 9.5, SharePoint 2013, Excel.

### **Merck & Co. Inc. Kenilworth, NJ July 2015 - Dec 2015**

### **SharePoint Developer**

### **Project Title: Merck Dashboard using SharePoint**

**Description:**

*This project is designed to create downtime of all site locations along with few custom requirements. The purpose is to provide the single platform where all types of Audience can easily access services along with additional features. This SharePoint portal gives option to Reliability Engineer, Company Manager and Members to access the site according to proper authorization and enter downtime that will help them to top categories equipment, Top 3 sites, Labor Utilization etc. properly.*

**Responsibilities:**

* Developed site columns, content types, page layouts, Master Page’s custom lists, Custom web parts and deployed through WSP solution package.
* Extensively used SharePoint designer for creating workflows.
* Created multi-lingual applications in English & Spanish
* Created custom controls for Primary and Secondary navigation to give rich User interface
* Designed different forms using MS InfoPath 2010/2007.
* Involved in preparation and execution of the unit test cases.
* Worked on PowerShell scripting.
* Created SSRS reports and displayed in SharePoint Environment.
* Created Event handler for sending notification mails and updating columns.
* Created some web parts using Dell Quick apps for SharePoint.
* Weekly status calls with client and the different stake holders to understand the business requirements and also track the status of the work.

**Environment:** SharePoint 2013, Visual studio 2012, ASP.Net, C#, Dell Quick apps for SharePoint, PowerShell.

### **Sybase (An SAP Company), Pune, India Jun 2011 - May 2015**

### **Sr.NET Developer**

### **Project#1: Liquidity Management System**

**Description:**

*The Sybase Liquidity Management System (LMS) provides an Enterprise wide multi-entity, multi-currency environment to forecast, monitor and manage the bank’s cash and liquid assets flows and positions. It is a web based application developed using ASP.Net SAPUI. It is integrated with the, IBM MQ. This provides an Enterprise wide multi-entity, multi-currency environment to forecast, monitor and manage the bank’s cash and liquid assets flows and positions. The portal is localized in four languages, US English, Canadian English and Spanish using site variations in MOSS. Reports are developed in SAP BO Web Intelligent.*

**Responsibilities:**

* Involved in Requirement Analysis, gathering, Low Level Design, Coding and Integration.
* Responsible for designing and developing the Application using ASP.Net MVC, Razor Syntaxes, Razor view engine.
* Responsible for designing and developing the UI using HTML5, CSS, JQuery, JavaScript, Bootstrap and Telerik UI
* Developed adhoc reports, KPI dashboard and Crystal reports using BO design Studio.
* Developed complex hierarchical SQL queries based on business requirement.
* Deployed Reports (LCMBiar) file in Testing and production server using CMC.
* Deployed running Dashboard KPI on BI Launch pad platform.
* Performed data validation and testing of the reports by running SQL queries in DEV environment.
* Weekly status calls with client and the different stake holders to understand the business requirements and also track the status of the work.

**Environment:**

ASP.Net, C#, SQL Server, SAP HANA, Telerik, SAP Business Object 4.1, JAVA/J2EE, JAX-RS, JAX-WS, Embedded Tomcat, IBM Web Sphere 8.1, Docker, JMS, Eclipse.

### **Project#2: SAP Afaria**

**Description:**

*SAP Afaria is a*[*mobile device management*](http://en.wikipedia.org/wiki/Mobile_device_management)*software product. It helps large organizations connect*[*mobile devices*](http://en.wikipedia.org/wiki/Mobile_devices)*such as*[*smart phones*](http://en.wikipedia.org/wiki/Smartphones)*and*[*tablet computers*](http://en.wikipedia.org/wiki/Tablet_computer)*to the company network, and to simplify the information technology (*[*IT*](http://en.wikipedia.org/wiki/Information_technology)*) tasks associated with buying, deploying, securing and maintaining such devices.*

**Responsibilities:**

* Designed and developed the Application using ASP.Net.
* Designing and developing the UI using HTML5, CSS, JQuery, JavaScript and Telerik Controls
* Developed detailed functional and technical specifications along with optimized queries for each report.
* Developed API Code, UI Design, and C# Code for remote action
* Created and modified the existing Universe by adding new classes/objects, hierarchies based on the business requirement.
* Developed Crystal Reports, WEBI reports as per business requirement.
* Responsible for creating folders, users, groups, giving permissions and handling versatile business security according to company requirements and worked extensively on Servers and Server Group using Central Management Tool.
* Trained end users in developing ad hoc reports through Dashboard and Crystal report.
* Published universes to the repository and made them available to the appropriate user groups.
* Designed and implemented Star-Schema in creation of data warehouse.
* Weekly status calls with client and the different stake holders to understand the business requirements and also track the status of the work.

**Environment:** ASP.Net, C#, SQL Server, SAP Hana, Telerik Controls, Crystal Reports, SAP Business Object 4.1.

### **Survik Software Limited, Pune, India Sep 2006 - May 2011**

### **Software Developer**

### **#1.Project Title: Duty Roster Database** ***(Client: Army Database)***

**Description:**

*The Duty Roster Database will allow you to manage the duties of all your personnel. The duty roster Database can be used to schedule your personnel for staff duty or Charge of Quarters (CQ).*

**Responsibilities:**

* Used Window Presentation Foundation (WPF) for user interface.
* Developed reports using Crystal Reports 9
* Designed and developed queries in MS Access 2007.

**Environment:** C#. Net 3.5, WPF, MS Access 2007, TFS 2008, MVC Architecture, Crystal Reports 9

### **#2.Project Title: Shawneerct.com** **(*Client: Shawnee Environmental Services, Inc.*)**

**Description:**

*Shawnee Environmental Services, Inc. is a company that was started to aid individuals who were casualties of corporate company downsizing.*

**Responsibilities:**

* Redesign Existing Page and create New Classic ASP Page as per Client requirement
* Developed 7 Crystal Reports as per Client Requirements
* Designed and developed new store procedure and queries in SQL Server 2000.

**Environment:** Classic ASP, SQL Server 2000.

### **#3.Project Title: ppmresults.com *(Client: Philanthropy Performance Management, Inc.)***

**Description:**

*The application imports financial and numeric data from client data bases, applies measurement and displays those results in a dashboard format.*

**Responsibilities:**

* Redesign Web Page as per Client Requirements
* Create new Chart using Dundas Chart for .NET
* Provided ongoing troubleshooting, defect and enhancements.

**Environment:**

ASP.Net 2005, Dundas Chart for .NET Windows 2000 Professional Workstation, Macromedia, IIS, SQL Server 2005, SQL Server 2005 Reporting.

**#4.Project Title: Business Objects XI 3.0 Info View Development using ASP.NET 3.5 SDK *(Client: CareAnyware Inc.)***

**Description:**

*CareAnyware, Inc. provides Home Care Solution which help to increase efficiency and improve outcomes. Its web-based solution is designed to streamline clinical workflow. The Project is to develop to display reports on ASP.NET environment using BO SDK for ASP.NET.*

**Responsibilities:**

* Designed and implemented Model & Controller in C# for retrieving and modifying data from the database
* Developed the report in Crystal Report 9.
* Designed and developed stored procedure in SQL Server 2005.

**Environment:**

C#. Net 3.5, ASP.NET MVC, ADO.NET, SQL Server 2005, IIS 7.0, JavaScript, TFS 2008 , MVC Architecture, CSS, NUnit 2.4.7, Business Object XI 3.0.

**#5.Project Title: OAS Conversion (**[**www.dmaassociatescorp.com**](http://www.dmaassociatescorp.com)**) *(Client: DMA Associates)***

**Responsibilities:**

* Implemented MOSS for corporate intranet and collaboration.
* Setup 64 bit medium server farm with Kerberos.  Used BDC for importing user profiles.
* Involved in writing stored procedures.

**Environment:**

MOSS 2007, ASP.NET 3.5, Windows 2003 Server Workstation, Visual Studio .NET 2005, IIS 6.0, SQL Server 2005.

**#6.Project Title: Lakhay’s Collections (**[**www.lakhay.com**](http://www.lakhay.com)**) *(Client: Lakhay)***

**Description:**

*Lakhay’s Collection is based in California, USA. Lakhay.com is a web application where user can purchase the products (cloths and accessories) online in wholesale quantity or retail quantity.*

**Responsibilities:**

* Design Web Page as per client requirement.
* Developed reports using Crystal Reports.
* Designed and developed stored procedure in SQL Server 2005.
* Used Team Foundation Server 2008 for version controlling and source building.

**Environment:**

Visual Studio 2008 SP1, C#. Net 2.0, WCF, ADO.NET, SQL Server 2005, IIS 7.0, JavaScript, Team Foundation Server 2008, CSS, NUnit 2.4.7.

**#7.Project Title: TPC Health Care Device keeper (**[**www.devicekeeper.com**](http://www.devicekeeper.com)**) *(Client: TPC Healthcare)***

**Description:**

*This application helps hospitals evaluate, implement and support end-to-end technology solutions that connect mobile healthcare staff to patients, other staff and the resources they need – instantly.*

**Responsibilities:**

* Analyze, design, and develop sequence diagram and class diagrams
* Design and create Web Page , Windows form as per client requirement
* Design Web Page as per Client requirement.
* Achieved layered abstraction by separating Presentation Business Logic and Data Layer.

**Environment:**

ASP.NET 2.0, Windows 2003 Server Workstation, Visual Studio .NET 2005, IIS 6.0, SQL Server 2005, Web service.

**#8.Project Title: My Service Success *(Client: IBS Associates LLC)***

**Description:**

*IBS Associates is based in Pennsylvania, USA. It is having chain of restaurants, and the primary objective is to enhance their business by tracking customer feedback.*

**Responsibilities:**

* Involved in Requirement Gathering, analysis, design, implementation and testing phases
* Developed application in ASP.NET 2.0 using C#
* Creating Exception Handling Process in the Entire Application using Log Maintaining Process
* Used Visual Source Safe 6.0 (VSS) as Version Control
* Developed the Parametric reports in Crystal Reports 10.0 and integrated in ASP.NET 2.0 environment.

**Environment:** ASP.NET (C#) 2.0, SQL Server 2005, Visual Source Safe (VSS), Crystal Reports 10.0, IIS 6.

**#9.Project Title: Front Office Management (**[**www.survik.com**](http://www.survik.com)**)**

**Description:**

*Survik Software is a global provider of IT and software services. We focus exclusively on maximizing client returns from outsourcing and off-shoring. We have design and developed web page for Survik Software using SharePoint 2007 for internal use of document sharing, sending mail etc.*

**Responsibilities:**

* Involved in Implementation and Administration of Windows SharePoint Services
* Provide configuration and maintenance support of user accounts.
* Assisted in developing and implementing the strategy for optimal use of SharePoint and other collaborative tools within the organization.
* Assisted users in the creation and management of team sites and site templates.
* Involved in planning and execution of tasks related to the evaluation of new SharePoint based initiatives.
* Configured and maintained document libraries, lists, and WSS site collections.
* Performed typical administrative activities such as backup, restore, site creation, and user issue resolution.

**Environment:**

MOSS 2007, ASP.NET 2.0, Windows 2003 Server Workstation, Visual Studio .NET 2003, Crystal Report 9.0, IIS 5.0, SQL Server 2000.