



Shibu
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Professional Summary:

Microsoft Certified professional with more than 14-years of experience analysing, designing, developing, testing, deployment and continuous integration of N-tier, enterprise-level solutions using the full-stack of Microsoft technologies.

- Extensive experience developing Multi-tier Web based applications using **ASP.NET, MVC, REST based Web API, WCF, jQuery, WPF, Web Services (SOAP)** in C#, Windows Services, .NET frameworks, VB.NET, ADO.NET, AJAX, and **Bootstrap**.
- Experience in data governance comprising of Database architecture, Database design and development, Data Modeling a, Database operations management, and Data Quality Management.
- Experience in **Data Migration (SSIS), Performance tuning**, Query optimization, **Reporting (SSRS)**, ETL development, and OLAP.

SDLC	Project Management, Process Modeling, Business Analysis, Use Cases, Wireframes, Deployment
Programming Languages	.NET Framework Core, 1.0/2.0/3.x/4.x, C#, ASP 3.0 , VB.NET, ADO.NET, VBA, COM/DCOM, PL/SQL, T-SQL
Web Technologies	ASP.NET, Web Forms, MVC 4/5, AJAX , ASP 3.0, XML, HTML, Web API , WCF, Azure DevOps, Salesforce, MS SharePoint Portal Server 2010
.NET	SILVERLIGHT, Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), LINQ, Windows Workflow Foundation (WWF), TFS (Team Foundation Server), Enterprise Library
XML Technologies	XML, XSL/XSLT, XAML, DOM, XPath, SOAP, WSDL
Mark-Up/Scripting	HTML, DHTML, CSS, XML, JavaScript, AJAX , VBScript, jQuery , Angular.JS, Bootstrap , JSON
Web Services	SOAP , UDDI, WSDL, XML Web Service
Application/Web Servers	MS IIS 5.0/6.0/7.0/7.5/8, Apache Web Server, MS SharePoint Server 2010, LDAP
Databases/Tools	SQL Server 2005/2008R2/2014 , MS Access, Oracle 9i/10g/11g, Sybase, ETL, SSIS (SQL server Integration Services)
Source Control Systems	GIT, Team Foundation Server (TFS), MS Visual Source Safe (VSS), IBM Rational ClearCase
IDE	MS Visual Studio 2015/2017 , Team Foundation Server (TFS), SSDT
Reporting Tools	SQL Server Reporting Service 2014 (SSRS) , Crystal Reports 12/14.1
Operating Systems	Windows 7/Vista/XP/2003/NT, UNIX, Linux
Standards and Trends	Object Oriented Analysis and Design [OOAD] , Agile, Scrum, Waterfall, V-Model, Hybrid, AOP (Aspect Oriented Programming), Design Pattern, SOA (Service Oriented Architecture) , Test Driven Design, Domain Driven Design
Other Tools and Skills	WinForms, NUnit, Unity, Firebug, JIRA, Dreamweaver, Photoshop, MS Expression Blend, MS Expression Encoder, Google Charts, GIS, Click

	Scheduling Software, Kentico CMS, ImageMagick, PowerShell, MS SharePoint Designer 2010
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Education/Certifications:

- Master of Computer Applications, Periyar University, Salem MA
- Bachelor of Science in Chemistry, Sardar Patel University, Vallabh Vidyanagar
- Microsoft Certified Technology Specialist (MCTS) in Application Development Foundation, Windows Based Client Development, Web Based Client Development and Distributed Application Development
- Microsoft Certified Professional Developer - Enterprise Applications (MCPD-EA)

Professional Experience:

Client: NYC Department of Social Services, New York, NY	Oct 2019 – Oct 2020
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Title: Full Stack Developer

Responsibilities:

- Design, develop, test, and implement web and client-server applications utilizing .NET Technologies and tools.
- Create Web pages and Web Forms applications.
- Leverage Web API to create web applications.
- Develop user friendly, responsive web applications using jQuery, JavaScript and Bootstrap.
- Develop SQL Server databases including stored procedures, functions, triggers and views.
- Create customized complex reports in SSRS reports.
- Develop and deploy SSIS packages.

Client: Bank of New York Mellon, Brooklyn, NY	Jan 2018 – Prese
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Title: Sr. .NET Application Developer

Project: LoanLIST and Statement Online

LoanLIST is an enhanced online information system that gives authorized users information on secondary market loans.

Responsibilities:

- Provided Front-end and Back-end production support of existing applications.
- Acted as a mediator between business logic layer and data access layer of the application.
- Developed new web application using **ASP.NET MVC5** and utilized applications that met business and user goals through a positive user experience.
- Followed Agile Methodology (Scrum Framework) to meet timelines with quality deliverables.
- **Created Webpages** for work streams by using **ASP.NET, AJAX, JavaScript, jQuery**, and **CSS** and connected them with business logic layer.
- Created **Restful services** using **ASP.NET Web API** to expose these to mobile devices.
- Gatherd and analyzed requirements and documented assigned modules.
- Implemented the DAL using the **Entity Framework 6** Code-First paradigm.
- Created **tables, views, triggers, sequences, constraints, Stored Procedures, Functions**, and **Packages** using **SQL**, and PL/SQL based on the documented user requirements.
- Utilized **Entity Framework** to support SQL Server and to accommodate any future database changes.
- Developed SQL Jobs to integrate data from multiple data sources into a central repository.
- Conducted **Performance Tuning of Complex T-SQL**.
- Utilized MS **Visual Studio 2014** unit testing tools for incorporating the unit testing in code development.
- Performed Dependency injection using MSUnity framework.
- Implemented **AJAX Library, CSS** and web controls to present interface to employees in a comfortable environment.

- Utilized **CSS3** and **Bootstrap** for styling the **HTML5** elements and utilized **JavaScript framework**.
- **Designed, developed, debugged and tested reports in SQL Server Reporting Services (SSRS).**
- Created Parameterized reports and Linked reports with thorough knowledge of report serving architecture. (Table, chart and matrix report).
- **Utilized SSIS** to unite data from the existing system and performed transformations on MS SQL 2014.
- Performed ETL development on SQL 2014 Integration Services (**SSIS**).
- Created application structure based on the Angular Style guides and best practices.
- Utilized **Angular-CLI** for initiation and project setup with scaffolding features.
- Created single page application structure with multiple modules using **Angular 4** and TypeScript.

Environment:

MVC 5, Entity Framework 6, C#, .Net 4.7/Core, IIS 8, SQL Server 2014, Oracle 11g, LINQ, RESTful API, TFS, jQuery, Angular 4, TypeScript, CSS, HTML5, Azure DevOps, Bootstrap and Web based Environment, **ASP.NET Web API**, Microsoft Unity Application Block, jQuery, **Visual Studio 2017, SSRS, SSIS**

<p>Client: NYC-Human Resources Administration (HRA), Brooklyn, NY Title: Sr. .NET Application Developer</p>	<p>Nov 2015 – Dec 2017</p>
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Project: Business Link

The HRA-Business Link establishes a connection between businesses and provides customized services for recruitment, screening, hiring, invoicing, and reducing payroll costs. Each of the services for an employer is unique and reflects the needs of the prospective employer.

Responsibilities:

- Provided Front-end and Back-end production support for existing applications.
- Acted as a mediator between business logic layer and data access layer of the application.
- Created user interface web site using **MVC5** and **Bootstrap**.
- Implemented user access and authorization.
- Implemented consumption of JSON data in **Angular service** and two-way databinding.
- Created middle tier HTTP services using **ASP.NET Web API**.
- Implemented **Web API** methods for database calls.
- Integrated **Bootstrap UI** Controls to MVC application.
- Developed SQL jobs to furnish the database with the latest dataloads to be accessible by the system.
- **Created Packages in SSIS** with error handling.
- Utilized ETL tools like **SSIS/DTS** for data flow from source files including XML, Excel, Tables and Views to other databases or files with proper mapping.
- Created **SQL server Reports** using **SSRS 2012**.
- Identified the data source and defined them to build the data source views.
- Analyzed and profiled source data, created prototypes and sample reports to help with requirements and design (**SSRS**).
- Developed **jQuery UI** custom controls for multiple UI.
- Developed reports pertaining to the business needs.
- Utilized **Entity framework** for ORM mapping in UI Web Site.
- Developed complex stored procedures for backend services and scheduler.
- Developed **REST services** to expose the services from other application.
- Implemented dependency Injection using Unity Application Block.
- Conducted Performance tuning of IIS servers and Installed export/export of SSL certificates.
- Performed Test Driven Development and unit testing.
- Handled data visualization on dashboard using Google Charts.

- Leveraged Google Charts API for the depiction of data for the dashboard of the application to give the user a snap of the data points the application deals with, using Bar charts, Column charts and Pie charts.

Environment:

MVC5, C#, .NET 4.5, IIS 7.x SQL Server 2012, SSIS, SSRS, TFS, jQuery, Angular 4, TypeScript, CSS3, HTML5, Bootstrap, Web based Environment, ASP.NET Web API, MS Unity Application Block, Google Charts, Kendo UI, Visual Studio 2015, JSON, ETL, Entity Framework

Client: UBS, Weehawken, NJ Role: Sr. .NET Application Developer	Apr 2015 – Oct 2015
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Project: WDT

The Wintel Server Deployment system is intended to automate the process of patching Windows operating systems and MS SQL databases installed in UBS. WDT involves a web-based, user-friendly, graphical user interface (GUI) to display information and process inputted data and requests.

Responsibilities:

- Created a new WDT user interface web site using **MVC5** and **Bootstrap**.
- Implemented user access and authorization through BBS system.
- Developed work flow system using RNOW **Web API**.
- Integrated **Bootstrap UI Controls** to **MVC** application.
- Developed scheduling module for server patching.
- Developed **jQuery UI** custom controls for scheduling.
- Utilized **Entity framework** for ORM mapping in UI Web Site.
- Developed database Audit module using **SQL** and **MVC**.
- Developed **complex stored procedures** for backend services and scheduler.
- Implemented all UBS bank security controls in place.
- Developed **REST services** to expose the packaging service from other applications.
- Implemented dependency Injection using Unity Application Block.
- Conducted Performance tuning for IIS servers and Installed export/export of SSL certificates.
- Performed Test Driven Development and unit testing.
- Depicted data visually on a dashboard leveraging Google Charts.

Environment:

MVC5, C#, .NET 4.5, IIS 7.x, SQL Server 2012, SVN, jQuery, CSS, HTML5, Angular.JS, JavaScript, Bootstrap, Web based Environment, Restful Web API services, MS Unity Application Block, KendoUI, MS Visual Studio 2013, Google Charts, JIRA, Entity Framework, Google Charts

Client: Lincoln Financial, New York, NY Title: Lead .NET Developer	Aug 2014 – Mar 2015
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Responsibilities:

- Scaled existing website to **MVC 4 architecture**.
- Created user screens from design components following project style guidelines.
- Created and tested intricate client side interactions with **jQuery** and JavaScript.
- Developed complex **MVC Controller, Views, Models** and Helper methods linked to backend database.
- Implemented **RESTful WCF services**.
- Attended design meetings and provided feedback based on professional experience.
- Provided System architecture and Database design.
- **Created tables, views, sequences, and constraints and wrote complex, structured stored procedures, triggers, Functions, and Packages** using PL/SQL based on the documented user requirements.
- Imported and manipulated third party MS Excel, CSV and fixed width flat files with modified SQL Server Import and Export Wizard packages.
- Integrated and executed standalone **SSIS packages** from C#.
- Tested and delivered the product to the testing team.

- Conducted user acceptance testing during the support phase.

Environment:

.NET Framework 4.0, ASP.NET MVC 4, MS Visual Studio 2013, C#.NET 4.0, Oracle 10g, WCF, jQuery, XML, LINQ, MS Visio, XML, SSDT, CA SiteMinder v12.52 , PingFederate v7.1.3, MS Excel, **Restful Web Services** , PL/SQL

Client: Aflac Global Investments, New York, NY	Feb 2014 – Jul 2014
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Title: Sr. .NET Specialist

Responsibilities:

- Created an MS SharePoint intranet website for Aflac GI.
- Customized MS SharePoint Lists, Content Types, Workflows, Views, Sites and more with and without MS SharePoint Designer.
- Queried the data from lists and sites using CAML and LINQ queries.
- Developed and Customized XSLT for Out-of-Box Web Parts.
- Implemented a **Document Management system** by leveraging features including Custom Master Pages, Custom Site Definitions, Site Templates, Site Columns, Site Content Types, Application Pages, Lists, Document Libraries, Event Receivers, **Custom Web Parts**, MS SharePoint Object Model, Features, WSP, STS ADM Commands and Batch files.
- Developed custom functionality using **.NET 2.0** and C# along with **HTML, CSS, and JavaScript** to design the custom functionality in the projects.
- Performed MS SharePoint administration including Back up Restore and Managing permissions and user profiles.
- Performed Unit Testing, System Testing, Integration Testing, Smoke Testing and Regression Testing.
- Conducted User Acceptance Testing by coordinating with business users.

Environment:

MS Visual Studio 2010, C#, MS SharePoint Portal Server 2010, jQuery, MS Visio, XML, JIRA, CAML, LINQ, MS SharePoint Designer, XSLT, .NET 2.0, HTML, CSS, JavaScript

Client: Chase Bank, New York, NY	Aug 2012 – Jan 2014
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Title: Sr. .NET Developer/Architect – Team Lead

Responsibilities:

- Developed Web Crawler for crawling Chase Partner and Affiliate sites for detecting Chase placements.
- Developed a **Content management system** for the Digital Marketing Landing Pages management.
- Analyzed Requirements, designed the System using MS Visio, and prepared Functional and technical specification documents.
- Analyzed the requirement documents and High level design documents created by the business analysts and suggested changes to these documents to ensure approval before the design page.
- Created the **detailed design** of the product based on the current system and the required changes.
- Designed and developed module using **Entity Framework**.
- Provided **System architecture** and **Database design**.
- Developed the module for generating redirect and rewrite rules for the webpages using IIRF.
- Utilized SQL Server Profiler tool to **identify bottlenecks** and **code performance issues**.
- Conducted performance tuning and monitoring and optimized queries.
- Created **tables, views, triggers, sequences, constraints, Stored Procedures, Functions, and Packages using SQL and PL/SQL based on user requirements**.
- Conducted **Performance tuning** of IIS servers and Installed export/export of SSL certificates.
- Imported and manipulated third party MS Excel, CSV and fixed width flat files with modified SQL Server Import and Export Wizard packages.
- Integrated and executed **standalone SSIS packages** from C#.

- Utilized **SSRS** to create and ran non-memory-bound parametrized reports with export to MS Excel functionality.
- Improved the performance of the application by profiling and implementing design changes.
- Handled a team of 4 resources and coordinated and assigned work to the offshore team.
- Tested and delivered the product to the testing team.
- Performed user acceptance testing during the support phase.

Environment:

.NET Framework 4.0, ASP.NET 4.0, MS Visual Studio 2010, C#.NET 4.0, IIS 6.0, Telerik RadControls, MS Visio, AJAX, LINQ, JavaScript, CSS, TFS, SQL Server 2008 R2, SSIS, SSRS, Oracle 10g, SSDT, XML, IIRF, Entity Framework, PL/SQL, SQL Profiler, MS Excel

Client: Custom Bags, Inc., New York, NY

Dec 2011 – Jul 2012

Title: Sr. Programmer Analyst

- **Developed websites** for Custom Bags, Inc. and Empire Beauty Schools with Content Management system.
- Analyzed requirement documents and High level design documents created by the business analysts and Suggested changes to these documents to ensure approval before the design phase.
- Created **detailed design** of the product based on the current system and the required changes.
- Designed and developed module using **Entity Framework**.
- Provided **System architecture** and **Database design**.
- Developed the module for generating redirect and rewrite rules for the webpages using IIRF.
- Responsible for Salesforce.com Application Setup.
- Implemented the requirements on Salesforce.com platform.
- Responsible for Salesforce.com objects including Accounts, Contacts, Leads, Opportunities and Reports and developed Custom Objects.
- **Created Enterprise WSDL, .NET classes, and jQuery** and utilized Salesforce API to submit form data to Salesforce.com.
- Performed GIS integration using **jQuery**.

Environment:

.NET Framework 4.0, ASP.NET 4.0, VS 2010, C#.NET 4.0, Telerik RadControls, MS Visio, AJAX, LINQ, JavaScript, CSS, SVN, SQL Server 2008 R2, XML, jQuery, Salesforce.com, GIS

Client: Macmillan Media Tool & Macmillan Digital Asset Management, New York, NY Apr 2011 – Nov 2011

Title: Sr. Software Engineer

Responsibilities:

- Developed a Media tool for encoding and uploading video, audio and photo files and syndicated the same to YouTube and Flickr.
- Developed an application for Digital Asset management to classify the files and develop batch process for achieving desired digital images.
- **Designed the Database, wrote stored procedures** and created **User defined table types**.
- **Created WCF service** for syndicating files to YouTube and Flickr and encoding the files.
- **Implemented jQuery and AJAX** for asynchronous data updates and transfers and utilized LINQ for data retrieval.
- Utilized MS Data Access Application Block for the application to interact with database.
- Performed Unit testing and fixes in UAT environment and Integrated on staging and production environments.
- Handled LDAP configuration and used LDAP authentication.
- Responsible for collaborating with internal and external customers to identify process innovation needs, understand business requirements and provide technical responses and design for end to end functional and technical solutions.
- Prepared of test plans and test results.

- Followed Agile methodology for development, Architecting, and designing the UI and classes for the web application.
- Created batch process for processing image files using ImageMagick commands and using PowerShell scripts for moving files across stages of processing and implemented using Windows Workflow Foundation.
- Performed Unit testing and UAT and provided integration support through staging and production environments.

Environment:

.NET Framework 4.0, ASP.NET 4.0, MS Visual Studio 2010, C#.NET 4.0, MS Expression Encoder, WCF, AJAX, LINQ, JavaScript, CSS, TFS, Flickr, YouTube API, SQL Server 2008, XML, Enterprise Library (Data Access Application Block), Crystal Reports 12, Active Directory, WWF, ImageMagick, MSTest Manager, LDAP, PowerShell Scripting

Client: Commonwealth Of Massachusetts, Department of Education, Boston, MA	Sep 2010 – Apr 2011
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Title: Sr. Software Engineer – Development Team Lead
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Responsibilities:

- Responsible for collaborating with internal and external customers to identify process innovation needs, understand business requirements and provide technical responses and design end to end functional and technical solutions.
- Prepared test plans and test results and led a team of three developers.
- **Architected and designed the UI and classes.**
- Responsible for **Database design, queries and Stored procedures, implemented MVC/SOA pattern, and led the development team** throughout the application lifecycle.
- Implemented **jQuery** and **AJAX** for asynchronous data updates and transfers.
- Created Class diagrams and sequence diagrams and prepared technical specification documentation.
- Developed business components and Data Access components in C#.
- Implemented **MVC (Model View Controller) design pattern** to de-couple front-end with the backend and implemented a multi-threaded framework to retrieve data in SilverLight 4.0.
- Implemented Data Access Layer using LINQ to communicate with the SQL Server 2008.
- Performed Unit testing using NUnit and supported the UAT and production environment.

Environment:

.NET Framework 4.0, ASP.NET 4.0, MS Visual Studio 2010, HTML, C#.NET 4.0, User Controls, MVC 2.0, WCF, SQL Server 2008, Oracle 10g, AJAX, LINQ, JavaScript, CSS, XML, UML, jQuery, TFS, Crystal Reports, SilverLight 4.0, NUnit

Client: Accenture & Time Warner Cable Chicago, IL	Jul 2008 – Apr 2009
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Title: Sr. Software Engineer

Responsibilities:

- Administered Service Solution offering from Accenture for mobile Work Force Management (WFM) targeted at small and medium enterprises.
- Based the solution on Sybase Unwired Platform (SUP) leveraging Click scheduling software.
- Led the module of the project.
- Architected and Analyzed business, functional, and technical requirements and prepared design documents, test plans and test results.
- Developed user interfaces in WPF using MS Expression Blend 2 and applied **Object Oriented Design concepts.**
- Created complex, dynamically generated runtime controls based on the metadata of the business using the application.
- Prepared and executed unit test cases of the modules handled and mapping.
- Consumed external **web services** using **SOAP** and WSDL to send and receive data on SUP from Click database.
- Collaborated with the Click team to ensure the Click data was in line with the project requirement.

Environment:

.NET Framework 3.5, Visual Studio 2008, VB.NET 3.5, WPF, MS Expression Blend 2, WCF, SQL Server 2008, LINQ, Sybase Unwired Platform, Click Scheduling, XML, XPath, IBM Rational ClearCase, UML, AJAX, LINQ, JavaScript, CSS, TFS, XML Schema, XSB

Client: Larsen & Toubro LTD., Mumbai, India

Jun 2004 – Jun 2008

Title: Software Engineer

Responsibilities:

- Developed **Master Pages, Web forms, User Controls** in **ASP.NET** following Agile methodology and worked on application integration.
- Developed classes using VB.NET to improve performance and reusability.
- Utilized **JavaScript** for client and server validation and implemented **AJAX**.
- Utilized ADO.NET objects for establishing database connection and validations.
- Utilized Datasets, DataAdapters and DataReaders to retrieve data from the database.
- Created **stored procedures, views, queries, functions** and data scripts for viewing data from more than one database.
- Performed Unit Testing, Performance Testing, UAT and Bug fixing.
- Deployed applications on production server and database management.
- Created application prototype and the production-level object-oriented application throughout software development lifecycle including **analysis, design, implementation, testing, deployment** and documentation.
- Developed **Web forms** and User Controls in **ASP.NET** and templated designs for offer letter based on cadre and Content Management.

Environment:

.NET Framework 3.0, ASP.NET, HTML, VB.NET 3.0, User Controls, ADO.NET, SQL Server 2005, TFS, AJAX, LINQ, JavaScript, CSS, MS Visio, MS SharePoint, Crystal Reports, Agile