

Sanket Shah

.Net Developer

Microsoft
CERTIFIED
Professional

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PROFESSIONAL SUMMARY:

- 8 years of diverse experience with all phases of **Software development life cycle (SDLC)**, Analysis, Design, Development, Testing and Maintenance of applications based on windows/web in various domains.
- Expertise in Programming, development and designing of applications using **Microsoft Technologies like C#.NET, Telerik Kendo UI controls, ASP.NET, ADO.NET, Web API, Web Services, SQL-Server 2014/2012, Visual studio 2019/2015/2013/2012/2010/2008.**
- Experience in **web development** with **JavaScript, JQuery, AJAX, JSON, CSS, KnockoutJS, AngularJS, HTML, HTML5 and DHTML.**
- Implemented front-end UI design compliant with **Americans with Disabilities Act (ADA)** up to level **AA.**
- Good knowledge and experience with **Web Forms, CSS, AJAX, JavaScript, and designing User Interfaces.**
- Experience in implementing JQuery Objects and **JQuery UI Widgets.**
- Expertise in creating **Views, Partial Views, Strongly Typed Views, Sections, and Areas** etc. In ASP.NET MVC with **Razor View Engine.**
- Experience in using ASP.NET **Web-Forms & AJAX** framework for creating efficient and interactive web applications that work across all popular browsers.
- Developed Web & Windows Applications Using **ASP.NET, C#. NET, VB.NET, MVC4.0, 5.0**
- Experience in development and implementation of **Restful Web APIs**, and exposes endpoints using **HTTP** verbs like **GET, PUT, POST** and **DELETE.**
- Proficient with **WEB API** and **MVC design patterns.**
- Developed applications using technologies including **C#, .Net 4.6.2/4.5.1/4.5/4.0, Entity framework, LINQ to SQL, backend SQL development.**
- Used **SignalR** and notifications for synchronizing data between multiple users working on same page.
- Worked on **Angular JS** of **Filters, Validations, Controllers, Directives, Scopes, Models, Services, Dependency Injection, Routing** and Prototyping.
- **Expertise in creating Single Page Application (SPA) using Angular JS**
- Extensively working experience in database design and development, for creating complex queries, Constraints, Indexes, Triggers, Views, **Stored Procedures, Functions** using T-SQL in SQL server 2014/2012.
- Worked on **Telerik Kendo UI** for grids, dropdown, select-list, file upload, graphs.
- Worked on **ADO.NET** like **SQL command, Data reader, Data set and Data Adapter.**
- Basic knowledge of **SSRS** to Generate the Reports in Excel and PDF Formats
- Extensively used Configuration Management tools like **GIT Hub** and **Team Foundation Server (TFS)** for **source control.**
- Performed Oracle **DRM syndications** using **Autosys**
- Basic knowledge in creating front-end web applications using **Node.JS, React.JS**
- Basic knowledge of cloud-based solution like **Azure**

AWARDS & ACHIEVEMENTS:

- Bank of America Global Recognition - Bronze Award – January 2021
- Bank of America Global Recognition - Silver Award – September 2021
- Top 5 Winner in Secure Coding Tournament in Bank of America – March 2018

CERTIFICATIONS:

- Microsoft Certified Professional – (70-486: Developing ASP.NET MVC Web Applications)
- Microsoft Virtual Academy – Introduction to AngularJS
- edX – Microsoft DEV204x, Programming with C#
- edX – Microsoft DEV208x, Introduction to jQuery
- edX – Microsoft DAT201x, Querying with Transact-SQL
- edX – W3Cx HTML5.1x, Web Design Fundamentals (Part 1)
- edX – Microsoft DIS50.1x, Developing International Software
- Stanford Online – Computer Science 101
- Microsoft Virtual Academy – Introduction to ASP.NET MVC
- Microsoft Virtual Academy – Developing in HTML5 with JavaScript and CSS3 Jump Start
- HackerRank - Problem Solving (Basic)

TECHNICAL SKILLS:

Technologies	.NET Framework 4.6.1/4.5/4.0/3.5, ADO.NET, Web Forms, Windows Forms, ASP.NET MVC 5/4, Entity Framework 6, 5.
Languages	C#.Net, VB.Net, T-SQL
Scripting Languages	HTML, CSS, Java Script, J-Query, KnockoutJS, AngularJS
Web Technologies	HTML, HTML5, DHTML, CSS, CSS3, XML, DOM, IIS, AJAX
Operating Systems	Windows 11/10/8.1/7, Windows Server 2008
Databases	MS SQL Server 2012/2014, Oracle 12c
Version Control	Team Foundation Server (TFS), GIT
Protocols	TCP/IP, HTTP, FTP
Database Tools	SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS)
IDE	Visual Studio 2019/2015/2013/2012/2010/2008
Other Tools	Jenkins, Artifactory, Bitbucket

PROFESSIONAL EXPERIENCE:

Company: Bank of America, Plano, TX

June 2019 - Current

Role: Assistant Vice President; Software Engineer II

Bank of America is one of the world's largest financial institutions, serving individuals, small- and middle-market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk management products and services. The company serves approximately 56 million U.S. consumer and small business relationships. It is among the world's leading wealth management companies and is a global leader in corporate and investment banking and trading.

Responsibilities:

- Ensured timely release of project promotes with involvement of business and cross-functional teams by ensuring the **Agile** process.
- Involved in analysis, design and development phases of Software Development Life Cycle (**SDLC**).
- Implemented **ADA** compliant web pages with testing in multiple devices and cross-browser testing including mobile and tablet devices using **SauceLabs**.
- Managed branching and merging in **Bitbucket** for multiple repositories.
- Participated in Agile process by involving in daily stand-up calls, Sprint **Planning**, Sprint **Retros** and other activities.
- Developed **JSON** responses for front-end using **Web API**.
- Used Fiddler and **SOAP UI** tool for testing Web APIs endpoints.
- Designed Graphical User Interface (GUI) using HTML, JavaScript, CSS, Custom Controls, JQuery UI and Bootstrap.
- Performed code optimizations by following practices and suggestions using **ADSF** scan results.
- Implemented **Parallel processing** and **caching** along with memory threshold management for reducing service calls.
- Implemented SPA with **continuous scroll** functionality to load and make service calls dynamically on-demand when user visits particular sections of webpage.
- Fixed QCs and comfortable with HP Application Lifecycle Management tool for handling different stages of production and other lower levels of testing environments.
- Mitigated **Veracode** Scan issues to improve code quality and ensured secure code implementation.
- Participated in Innovation Forum to introduce new ideas to Business and Management for benefit of the end users and company.

Environment: Visual Studio 2019,2015, C#, .Net Framework 4.5, ASP.NET MVC 5.0, NUnit, JavaScript, JQuery, IIS 8, LINQ, JIRA, Bitbucket, Jenkins, Artifactory, Windows 10, TFS, SauceLabs.

Project Title: First Notice of Loss

July 2018 - June 2019

Company: Solera Holdings Inc., Westlake, TX

Role: Senior .Net Developer / Squad Leader

Solera Holdings is an American company based in Texas which provides risk management and asset protection software and services to the automotive industry and property insurance marketplace. Solera also provides digital identity management services, as well as re-underwriting and data analytics solutions for the property and casualty insurance industries. Solera is active in 78 countries across six continents.

Responsibilities:

- Ensured timely release of project promotes with involvement of business and cross-functional teams by ensuring the **Agile** process.
- Involved in analysis, design and development phases of Software Development Life Cycle (**SDLC**).
- Experience in **leading team** of 6 including off-shore resources.
- Provided outside hours support for critical releases and **outage** resolution.
- Analyzed **Veracode** Scan results to mitigate security flaws and implement appropriate changes.
- Customized **Syncfusion** code to implement Spell Checker on text box fields for CSRs (Customer Service Representatives) in the product which was highly appreciated by the business team.
- Created re-usable **Composite Controls** which can be implemented by any project inside the product.
- Programmed **XSLT** logic for converting product XML format to customer's expected XML format.
- Solved a major issue where multiple events triggering at same time which caused infinite loop on an event resulting into **CPU** overload.
- Created code in both **VB** and **C#** languages inside according to the date of new project creations inside a single common solution file.
- Implemented common logic for multiple projects which helped the code to become **scalable** according to requirement.
- Monitored SQL **deadlock** and long running process issues to identify cause of service outages.
- Handled **client** meetings for discussing requirements and analyzed scope and feasibility along with Project Manager.
- Experience with resolving real-time issues and provide immediate resolutions which have impact on client business during peak hours.
- Used Veracode logs to check errors for client report. Lead the upgrade project to implement Web APIs and replacing the Veracode system gradually.

Environment: Visual Studio 2015, 2010, 2008, .Net Framework 3.5, Windows Forms, VB.Net, C#.Net, SQL Server 2008 R2, RedGate SQL Monitor, LINQ, JIRA, Windows 7, TFS, Veracode

Project Title: Multiple

July 2017 - June 2018

Client: Bank of America, Pennington, NJ

Company: Tata Consultancy Services

Role: Assistant Consultant / Senior .Net Developer

Bank of America is one of the world's largest financial institutions, serving individuals, small- and middle-market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk management products and services. The company serves approximately 56 million U.S. consumer and small business relationships. It is among the world's leading wealth management companies and is a global leader in corporate and investment banking and trading.

Responsibilities:

- Involved in analysis, design, documentation and development of application with full Software Development Life Cycle (**SDLC**).
- Created **Low Level Design** / Technical Specifications documentation for the application.
- Involved in implementing **Non-functional Prototype** for presenting to the business team.
- Designed **Project Architecture** for the application which included MVC pattern with Business, Data-Access Layers.
- Implemented front-end UI design compliant with **Americans with Disabilities Act (ADA)** up to **level AA**.
- Implemented **Inversion of Control** and **Dependency Injection** concepts using **Simple Injector** tool for improving scalability and unit testability.
- Involved in the implementation of client-side validations using **JQuery** and ASP.NET MVC Validation implemented at Controller level.
- Developed **Models, Views and Controllers** and **Business Logic, Data logic and Object-Oriented Programming** techniques and Designed UI pages with **Razor views** and Partial Views.
- Developed Complex **MVC controllers** using **C#** as code behind language.
- Created **Models and View Models** in ASP.NET MVC and defined validations with the help of data annotations.
- Developed front-end using **JQuery, HTML5** based on **MVC** architecture.
- Implemented web service to connect to **Filenet** and retrieved image files for displaying to end-users.
- Designed Graphical User Interface (GUI) using HTML, JavaScript, CSS, Custom Controls, JQuery UI and **Bootstrap**.
- **Configured servers** and implemented **SiteMinder SSO** for authentication purposes.
- Development was done using **Agile Methodology** with daily scrums.
- Used **Entity Framework** in-order to access the **Oracle** database.
- Made dynamic widgets for displaying internal news using JQuery UI.
- Used **TFS** as a Code Repository and followed source code handling practices like Check-In daily basis.
- Performed Oracle **DRM syndications** using **Autosys**
- Worked on another project for displaying interactive JIRA task worklogs for managers using **chart.js** and **AngularJS**.

Environment: Visual Studio 2015, C#, .Net Framework 4.6.2, ASP.NET MVC 5.0, Entity Framework 6.0, NUnit, JavaScript, JQuery, AngularJS, IIS 8, Repliweb, LINQ, Oracle 12c, JSON, JIRA, Windows 7, Windows Server 2008 R2/2008, TFS, Autosys.

Project Title: MedApproved

Feb 2016 - Apr 2017

Client: MedApproved, Hudson, OH

Company: Krish Services Group, Inc.

Role: Software Engineer

MedApproved was developed by healthcare professionals who understand the complexity of the product approval process from both the provider and supplier perspectives. They have effectively streamlined the review process by electronically connecting product requests with the appropriate stakeholders within a hospital. By utilizing a central repository to store product information and team discussions, value analysis commit-tees benefit from a transparent process that is more efficient, decreasing the likelihood of duplicative efforts.

Responsibilities:

- Involved in analysis, design and development of application with full Software Development Life Cycle (SDLC).
- Created Business Logic Layer & Data Access Layers to implement the MVC architecture.
- Involved in the implementation of client side validations using AngularJS and ASP.NET MVC Validation implemented at Controller level.
- Developed **Models, Views** and **Controllers** and **Business Logic, Data logic and Object Oriented Programming** techniques and Designed UI pages with **Razor views** and Partial Views.
- Developed Complex **MVC controllers** using **C#** as code behind language.
- Created **Models and View Models** in ASP.NET MVC and defined validations with the help of data annotations.
- Developed front-end using **AngularJS, JQuery, HTML5** based on **MVC** architecture.
- Developed **JSON** responses for front-end using **Web API**.
- Using of Fiddler and **POSTMAN** tool for testing Web APIs endpoints.
- Designed Graphical User Interface (GUI) using HTML, JavaScript, CSS, Custom Controls, JQuery UI and Bootstrap.
- Used **Angular** ng-repeat for iterating through data, ngf-upload for File Upload functionality.
- Used Angular **DataTables** plugin to make grids with paging, sorting, filtering functionalities along with facilities to export data to excel.
- Developed form validation with **AngularJS** \$valid, and data validation.
- Development was done using **Agile Methodology** with daily scrums.
- Created & Exposed **RESTful Web API** endpoints using **HTTP** verbs of **GET, PUT, POST & DELETE** for all database **CRUD** operations.
- Used **Entity Framework** in-order to access the **MS SQL Server** database.
- Made animated dynamic **Pie & Donut** graphs using graph.js
- Used **TFS** as a Code Repository and followed source code handling practices like Check-In daily basis.
- Implemented cloud hosting of website on **Azure server**.

Environment: Visual Studio 2015, C#, .Net Framework 4.5, ASP.NET MVC 5.0, WEB API, Entity Framework 6.0, AngularJS, JavaScript, JQuery, IIS 8, ADO.NET, LINQ, JSON, SQL Server 2014, JSON, Windows 10, Windows Server 2008 R2/2008, TFS.

Project Title: Legal Intelligence

Oct 2015 - Jan 2016

Client: Legal Intelligence, Netherlands

Company: Gateway Technolabs (Gateway Group of Companies)

Role: Software Engineer

Legal Intelligence is the first and largest service for legal content integration in the Netherlands. With the system, lawyers and company lawyers seek all Dutch and European legal resources at once, via the internet. Legal Intelligence also provides search services specifically for tax intelligence and government (Public Intelligence).

Responsibilities:

- Worked in migration of project from Web Forms and .Net Framework 3.5 to latest version in .NET MVC 5.0 and responsive design using HTML5, CSS3.
- On Server side, Created and used **Restful Web API** endpoints for database operations (**CRUD**).
- Created and exposed Restful **Web API** endpoints using **HTTP** verbs of **GET, PUT, POST and DELETE**.
- Modified **Restful Web Services** to interact with the other applications and exposed them using **HTTP**.
- Involved in Test Driven Development(TDD) with pair programming at times.
- Converted code in new migrated project from **VB to C#** for some modules.
- Effectively used **ASP.NET** security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using **C#.NET**.
- Used front-end web development tools like **JavaScript, HTML, CSS, JQuery** and **KnockoutJS**.
- Extensively used **ADO.NET** for retrieving, querying, storage and data manipulation for achieving continuous database connectivity
- Resolved browser compatible issues using IE developer tools, Firebug and Chrome developer tools.
- Developed many **SQL** queries to fetch data as per the complex business requirements.
- Created **LINQ** queries for all kind of database Retrieve, Update, Delete functions from database.
- Used **KnockoutJS** on client side for two-way model binding and rendering and updating html dynamically.
- Involved in **Build, Debug** and **Deployment** of the components.
- Responsible for maintaining versions of source code using **GIT**.
- Involved in **Unit Testing** and **Code Review** while development and fixing the bugs.
- Created Unit Test cases using **Rhino Moq** and handled code coverage of more than 90% throughout.
- Involved in frequent releases with each iteration of 15 days and **Agile** methodology with daily **Scrum Meetings**

Environment: Visual Studio 2013, C#, VB, ASP.NET MVC 5.0, Entity Framework 5.0, JavaScript, JQuery, KnockoutJS, GIT, IIS 8.0, AJAX, ADO.NET, LINQ, XML, SQL Server 2012, Windows 8, Windows Server 2008 R2/2008, Web Forms.

Project Title: Tenancy Application Portal

Dec 2014 - Oct 2015

Client: Emaar, Dubai

Company: Gateway Technolabs (Gateway Group of Companies)

Role: Software Engineer

Emaar offers an array of exceptional-value retail leasing opportunities within its flagship mall, shopping centre, and retail developments. The company specializes in creating value-added, master-planned communities that meet the full spectrum of lifestyle needs. A highlight of Emaar's approach to developing integrated lifestyle destinations is Downtown Dubai, the 500-acre mega-project, home of Burj Khalifa, The Dubai Mall and The Dubai Fountain.

Responsibilities:

- **Individually** delivered major modules of project as an only developer in the project.
- Used **.Net framework 4.5.1**, n-tier architecture and Object Oriented Methodologies for application development.
- Development of component classes and interfaces in **C#** encapsulating the business logic with strict adherence to **Object Oriented Paradigms**.
- Used **ILogger** for logging events inside the application.
- On Server side, Created and used **Restful Web API** endpoints for database operations (**CRUD**).
- Created and exposed Restful **Web API** endpoints using **HTTP** verbs of **GET, PUT, POST and DELETE**.
- Used of Fiddler tool for testing Web APIs endpoints.
- Effectively used **ASP.NET** security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using **C#.NET**.
- Used front-end web development tools like **JavaScript, HTML5, CSS3, and JQuery**.
- Created code which logged IP Address of all users logging into the system and also added Google Analytics.
- Analyzed **Code Metrics** of the project and improved performance and code to reach more than **80%** for all projects inside the solution.
- Created an extremely complex 4-level tree view logic on server side which was provided as a data source for Kendo tree view.
- Used **SignalR** and notifications for synchronizing data between multiple users working on same page.
- Used **Telerik Kendo UI** for grids, dropdown, select-list, file upload, graphs, etc. controls.
- Created 3 level drill-down charts using Kendo charts for company's directors on dashboard for business analysis.
- Used **iTextSharp** for exporting grid data to PDF file with custom design and watermarks.
- Developed **Dynamic Stored Procedures** for handling sorting, paging, filtering functionalities which was a client requirement.
- Developed many **SQL** queries to fetch data as per the complex business requirements.
- Developed **Stored Procedures, Triggers, Views and Functions** for the Application.
- Created Responsive design by using **CSS3** with media queries.
- Involved in **NFP, Build, Debug and Deployment** of the components.
- Responsible for maintaining versions of source code using **(TFS) Team Foundation Server**.

Environment: Visual Studio 2013, C#, .NET Framework 4.5.1, ASP.NET MVC 5.0, Entity Framework 6.0, JavaScript, JQuery, TFS 2013, IIS 8.0, AJAX, Telerik Kendo UI, LINQ, SQL Server 2012, Windows 8.1, Windows Server 2012.

Project Title: EPS

July 2014 - Dec 2014

Client: NL Autoparts, Netherlands

Company: Gateway Technolabs (Gateway Group of Companies)

Role: Software Engineer

NL Auto Parts is a purchasing network for free wholesalers and independent garages. By responding to the movements of the market and technological developments, the partners of NL Auto Parts can strengthen their competitive position. "Cooperating entrepreneurs are stronger" is the philosophy of NL Auto Parts.

Responsibilities:

- Used **.Net framework 4.5**, n-tier architecture and Object Oriented Methodologies for application development.
- Development of component classes and interfaces in **C#** encapsulating the business logic with strict adherence to **Object Oriented Paradigms**.
- On Server side, Created and used Data Access Layer for database operations (**CRUD**).
- Created and exposed Restful **Web API** endpoints using **HTTP** verbs of **GET, PUT, POST and DELETE**.
- Effectively used **ASP.NET** security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using **C#.NET**.
- Used front-end web development tools like **JavaScript, HTML, CSS, and JQuery**.
- Created **Razor** views for performing important front-end related logic and **HTML Helpers**.
- Introduced **Google Analytics** in application to get report about users using the website.
- Used **ASP.NET MVC** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
- Extensively used **Entity Framework** for retrieving, querying, storage and data manipulation for achieving continuous database connectivity.
- Resolved browser compatible issues using IE developer tools, Firebug and Chrome developer tools.
- Developed many **SQL** queries to fetch data as per the complex business requirements.
- Developed **Stored Procedures, Triggers, Views and Functions** for the Application.
- Used **JQGrid** on client side for rendering and updating grid.
- Involved in **Build, Debug and Deployment** of the components.
- Made special css which was only applied only when user tried to Print a page with multiple browsers compatibility. Also used **ActiveX** security handling to support it in Internet Explorer.
- Responsible for maintaining versions of source code using **(TFS) Team Foundation Server**.

Environment: Visual Studio 2013, C#, .NET Framework 4.5, ASP.NET MVC 4.0, Entity Framework 5.0, JavaScript, JQuery, TFS 2013, IIS 8.0, AJAX, LINQ, HTML5, CSS3, SQL Server 2012, Windows 8, Windows Server 2012.

EDUCATION:

- **Bachelor of Engineering in Computer Engineering, Gujarat Technological University, India** **2010-2014**