# NAVNET TIWARI

Navnet is a **Lead Microsoft Certified Professional having more than thirteen plus years** of experience in Enterprise Application Development. His expertise lies in the **architectural design, development,** and testing phases of the Software Development Lifecycle using Agile principles and practices. Navneet has extensively worked as a **full stack developer** involving the designing, development and delivering of enterprise solutions using .**Net Frameworks 4.5/4.0/3.5/2.0/1.1, .NET Core 2.2, C#, Entity Framework 6/5, Angular 9/6/4, AngularJS 1.x, NodeJS, Bootstrap 3, JQuery, JSON, HTML5, CSS, AJAX, MVC 5/4, Web API, PL/SQL, Web Services (SOAP, WSDL), Entity Framework 6.0/5.0, LINQ, WCF, LINQ, MSMQ, XML/XSL/XSLT, IIS Server 7.0/6.0, TFS, MS SQL Server 2005/2008/2000/2012 database design including tables, views, stored procedures, functions, triggers and indexes, SQL Server Reporting Services (SSRS), XML, Windows Server 2008 R2/2003, Oracle 9i/10g.** He has good expertise and strong understanding of .NET Framework, Object Oriented Programming, and UML. **Navneet** also has experience working with team members distributed around the world using **Agile methodology and CMMI Level 5.** For version control tools he has used **TFS, GitHub and SVN Tortoise.** He has **excellent communication and interpersonal skills**. Has implemented Integration between multiple Systems/Platforms in Dot Net using SOA Architecture with good experience in designing and developing **RESTful Services using Web API and WCF.** He has experience in **implementing Single Sign on using ADFS.** Navneet has work experience in **trade market while working for NASDAQ-OMX and Samba Capital.** He has **extensive knowledge of Stock markets (Order Book, Trade handling, etc).** He has excellent communication skills.

**CERTIFICATIONS:**

* Microsoft® .NET Framework - Application Development Foundation.
* Microsoft .NET Framework 3.5, ASP.NET Application Development.

**TECHNICAL SKILLS:**

**Languages**:   C#, VB.NET.

**Web Technology:** ASP.NET, XML, XSL, AJAX, CSS, ASP.net MVC 3/4/5, WCF, Web Services and LINQ.

**Scripting Languages:** JavaScript, JQuery and AngularJS, ReactJs

**GUI**:   Visual Studio 2015/12/10/08/05/03.

**UI Design** CSS, CSS3, Bootstrap, HTML, HTML5 and XSLT.

**ORM** Entity Framework and iBATIS.

**Databases**: SQL Server 2014/08//05/00, Oracle 10g.

**Tools/Technologies**:   WCF, Web Form, SQL Server Reporting, HTML, Team Foundation Server (TFS), Source Safe, SVN.

**Web Servers:** IIS 5.0/IIS 7.0.

**Versioning Tools** GitHub, Team Foundation Server 2015/10 and SVN.

**Methodologies**:   SCRUM, Agile, Waterfall.

**Reporting** SSRS.

**Operating Systems**:  Windows (various versions).

**PROFESSIONAL EXPERIENCE**

**Senior Programmer Analyst, Wells Fargo & Company 04/20–Present**

***Statement Communication***

Statement communication is web portal where bank employee can login and create offers for customers send in form of credit/debit card statement. Project has multiple module creation drafting approval rejection of offers. Project has multiple reports regarding status of communication.

**Responsibilities:**

* Full Stack development was implemented to create components which consume CSL (back end layer) data or **SQL DB** through web API calls. Involved in the requirements gathering and analysis, participated in meetings plans, interacting with project manager, scrum master to understand current iteration goals. Experience with Scrum model and agile development, with iteration planning and product increment
* Designing textual and graphical content including product illustrations for the website.
* Used **IOC** container for **Dependency Injection**. Implemented Service module to exchange data with **Web API.**
* Developed **UI** using **Angular 9** and **Bootstrap 4.0** which reads the data from **Web API** and displays in UI. Coded in **RxJs, Angular, Node JS, Webpack**.
* Application developed using **Angular 9 as front end and .NET Core Web API** as a backend technology.
* The mediator design pattern is used for the created **Web API project using .NET Core 2.2.** Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
* Use of Promises and Observables.
* Created user interface with **HTML 5 and Bootstrap 3.0**.
* Implement **SOLID Design** principle.

**Environment: .NET Core 2.2, Angular 9, RxJs, Node JS, Webpack, Web API, jQuery, HTML 5, Bootstrap 3.0, Web API, Entity Framework 6.0, Git, LINQ, SQL Server 2014.**

**Tech Lead, United Airlines, Chicago IL 04/18–03/20**

***United ecommerce (United.com)***

United ecommerce is web portal where united customers can and book tickets for their destinations. This application has main module PNR creation, flight search, flight shop and payments. Customer from all over world can either login or book tickets as guest. This application interacts with Mainframe and other external system to fetch data.

**Responsibilities:**

* Full Stack development was implemented to create components which consume CSL (back end layer) data or **SQL DB** through web API calls. Involved in the requirements gathering and analysis, participated in meetings plans, interacting with project manager, scrum master to understand current iteration goals. Experience with Scrum model and agile development, with iteration planning and product increment
* Designing textual and graphical content including product illustrations for the website.
* Responsible for analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using **SQL Server 2014.**
* Used **IOC** container for **Dependency Injection**. Implemented Service module to exchange data with **Web API using .NET Core 2.2.**
* Developed **UI** using **Angular 6** and **Bootstrap 3.0** which reads the data from **Web API** and displays in UI. Coded in **RxJs, Angular 6, Node JS, Webpack**.
* Developed **REST Web API** using Entity Framework to Sql Database.
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
* Use of Promises and Observables.
* Used **Factory and Singleton patterns.** Participated in desk check, code reviews, internal and external reviews of technical design documents.
* Created user interface with **HTML 5 and Bootstrap 3.0**.
* Implement **SOLID Design** principle.

**Environment: .Net Framework 4.6, C# 6.0, Angular 6, Node JS, RxJs, jQuery, HTML 5, Bootstrap 3.0, Web API, Webpack, Entity Framework 6.0, Git, LINQ, SQL Server 2014.**

**Tech Lead,** **Oppenheimer Funds, NY 11/17–03/18**

***Portfolio Guidance Analysis -PGA***

PGA application is used by fund managers to calculate returns for amount invested by its clients. PGA has three major module risk analysis fees charge and returns. Fund managers will create scenario and calculate risk and return.

**Responsibilities:**

* Designing textual and graphical content including product illustrations for the website.
* Responsible for analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using **SQL Server 2014.**
* Used **Angular 4.0 in web pages** to call services and for CRUD operations.
* Used **IOC** container for **Dependency Injection**. Implemented Service module to exchange data with **Web API.**
* Developed **REST Web API** using Entity Framework to Sql Database.
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
* Created user interface with **HTML 5**.
* Implement **SOLID Design** principle.

**Environment: .Net Framework 4.6, C# 6.0, HTML 5, Web API, Entity Framework 6.0, TFS 2015, LINQ, SQL Server 2014, jQuery, Angular 4.0 SSIS.**

**Tech Lead, McDermott, Houston, TX 02/17–10/17**

***Quantum***

Quantum is platform for currency trading, hedging and commission and payment management. Quantum is interacting with other system to get oil and payment related data. Quantum calculates employee commission based on trade. Quantum keeps track of all vendor payment management. Quantum has major module trading hedging, Vendor Management and commission.

**Responsibilities:**

* Designing textual and graphical content including product illustrations for the website.
* Responsible for analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using **SQL Server 2014.**
* Involve in **Architecture design** of project. Created user interface with **HTML 5**.
* Used **AngularJS in web pages** to call services.
* Used **IOC** container for **Dependency Injection**. Implemented Service module to exchange data with **Web API.**
* Developed **REST Web API** using Entity Framework to Sql Database.
* Created new **SSIS** package for populating data into MS SQL database.
* Used **SSRS** to generate customized reports and charts.
* Involved in the design, development, coding and implementation of the solution. Each view was developed using **MVC 5 (RAZOR engine),** also worked on Partial Views, controller actions, Business and Data Layer.

**Environment: .Net Framework 4.6, C# 6.0, Web API, HTML 5, MVC 5, Visual Studio 2015, Entity Framework 6.0, TFS 2015, LINQ, SQL Server 2014, jQuery, Angular 4.0, JavaScript, JSON, SSIS, SSRS, AJAX.**

**Programmer Analyst, United Airlines, Houston, TX 05/16–01/17**

***Common Service Layer***

CSL (Common service layer) is common platform for the ecommerce web, mobile, Contact Centre and other channels like kiosk check in and airport operations. CSL has different services for PNR retrieval, Payment, Flight search flight status flight booking operations which interact with HP Share systems give calls to Google ITA for flight availability.United.com is ecommerce web application where thousands of transactions is happening hourly.

**Responsibilities:**

* Interacted with client to analyses business requirement and prepared **Class Diagram & Design Documents** and involved in ongoing discussion with client team.
* Responsible for analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using **SQL Server 2014.**
* Involved in creating complex store procedure for report creation.
* Used **IOC** container for **Dependency Injection**. Implemented Service module to exchange data with **Web API. Created REST Web API.**

**Environment: .Net Framework 4.6, C# 6.0, Web API, MVC 5, Visual Studio 2015, Entity Framework 6.0, TFS 2015, LINQ, SQL Server 2014, jQuery, Angular JavaScript, jqGrid, JSON, AJAX.**

**Tech Lead, PriceWaterhouseCoopers, Columbia, SC 06/15–04/16**

***Talent Exchange***

Talent Exchange is job portal design for pwc thousands of applicants are depending placement cell. This project is an attempt to minimize the problems of an applicant to find a correct job in organisation. Freelancer can create their profile and start finding current opening match to their skills. All current opening match to freelancer skill will displayed on his dashboard freelancer can show his interest in current opening. Manager can create roles and invite freelancer for current opening. Freelancer and managers can search on multiple filters. Sovren is used for parsing and searching of resumes. Managers can create pricing event for role and invite freelancers to participate in pricing event.

**Responsibilities:**

* Architect the application module, including the backend and UI layers.
* Worked with e-commerce databases to develop shopping cart manager for pricing Event.
* Designing textual and graphical content including product illustrations for the website.
* Developed UI using **Angular JS** which reads the data from **Web API and displays in UI.**
* Used Log4net to writes logging events to the Windows Event Log. Technical and functional support to the team member.
* **Scrum retrospective,** to achieve innovation, creative solutions, and motivation.
* Using **Entity Framework** **6.0** for communicating with database. Created JavaScript functions, **Razor** **Views**, **View Models** classes, **Controllers** and **Action methods** into the **ASP.NET MVC 5** front end project. Used **IOC** container for **Dependency Injection.**

**Environment: .Net Framework 4.6, C# 6.0, Web API, Angular JavaScript, HTML, CSS, JavaScript, jQuery, MVC 5, Visual Studio 2015, Entity Framework 6, GitHub, LINQ, SQL Server 2014.**

**Project Lead, PSB Research, Washington DC 10/13 – 05/15**

***ADLAB***

ADLAB is developed to know whether advertisement should be air or not. Each advertisement is given some score based on survey conducted on group of peoples. Based on score of advertisement it is decided it should be air or not. Each Advertisement is consisting of six pillar education, emotion, knowledge, perception, behaviour and Advocacy. Each pillar has set of specific questions on which score is calculated with this score each advertisement is compared with another advertisement in our database and rank is given to advertisement based on rank Adlab advise Advertisement should be air or not.

**Responsibilities:**

* Worked as technical lead Involved in Architect, design and development of web-based solutions using Microsoft technologies.
* Created Application forms (Views) and other UI components using **ASP.NET** **MVC Razor Engine** and **JQuery**
* Created reusable **HTML helper UI elements**. Used **Unity framework for dependency injection**.
* Coded the **SOA** architecture using **WCF** by creating and implementing using **Web services**.
* Used **Linq to SQL** data context. Used **Json.Net** to Serialize and De-serialize objects and messages. Implement **Single Sign on through ADFS.**

**Environment: .Net Framework 4.0, C# 4.0, MVC 5.0/4.0 Visual Studio 2012/2010/15, WCF ASP.NET, XML, HTML, LINQ, AJAX, JavaScript, Jquery, JSON, Single Sign on through ADFS, SQL Server 2008.**

**Module Lead, Mercer, Canada 05/11 – 10/13**

***Pension Data Management***

Pension Data Management is developed for effective data management for its clients. Pension Data Management is single application for all clients. In Pension Data Management Client Admins can define individual business rule depend upon their requirements to execute input files. Business rules for each client got executed as per schedule defined by admins.

**Responsibilities:**

* Involved in developing **WCF Services and Web Applications with C#.NET, ASP.NET, JavaScript and AJAX in client-side.**
* Created PL/SQL Scripts. Responsible for developing oracle PL/SQL packages.
* Created WCF Services to interact with informatica.

**Environment: .Net Framework 4.0, C# 4.0, Visual Studio 2012/2010, WCF ASP.NET, XML, LINQ, Oracle 10g.**

**Lead Programmer Analyst, TRW Automotive 09/09 – 05/11**

## *HSE (Health Safety Environment)*

HSE is developed for environment related project run by TRW. TRW’s environmental programs focus on three areas: addressing past environmental impacts, reducing current environmental impacts, and preventing future environmental intrusions. The application keeps track records of various environment related project run in different countries cost spending on each project. Based on project monthly, quarterly and yearly report is generated in excel include project cost, project manager performance, project risk.

**Responsibilities:**

* Involved in developing **WCF Services and Web Applications with C#.NET, ASP.NET, JavaScript and AJAX in client-side.**
* Created PL/SQL Scripts. Data Grid and Data Reader for binding data from database to the various web forms in ADO.Net.
* Implement Single Sign on through ADFS. Provided production support.

**Environment: .Net Framework 2.0, C#2.0, Visual Studio 2008, WCF ASP.NET, XML, LINQ, Oracle 10 g, Webfocus, ColdFusion.**

**Programmer Analyst, Microsoft Corporation, Redmond 04/09– 08/09**

## *MSN FUSE*

MSN Fuse is a distributed light weight network monitoring mechanism that has been integrated into Composition Framework. With Fuse instrumentation, network activities are collected and persisted into a data repository. This persisted data is further processed and presented through web portal as reports and dashboard views to end users. Distributed systems built with Fuse are guaranteed that failure notifications never fail.

**Responsibilities:**

* Responsible for Analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using **SQL Server 2005.**
* Data Grid and Data Reader for binding data from database to the various web forms in ADO.Net.

**Environment: C# 2.0, Visual Studio 2008, Framework 2.0, LINQ, Web Services, SQL Server 2005.**

**Programmer Analyst, Samba Bank05/08 – 04/09**

***Samba Capital for Samba Bank***

SAMBA Financial Group (SAMBA) is a Saudi Arabian Company with its head office in Riyadh. It is one of the leading banks and has leadership position in its customer service in Kingdom of Saudi Arabia and the Middle East.

**Responsibilities:**

* Involved in writing C# components.
* Responsible for Writing and reading XML files**,** Serialization of XML.
* Provided production support.

**Environment: C# 2.0, ADO.net, Visual Studio 2008, .Net Framework 2.0.**

***NextGen, SWEDEN for NASDAQ-OMX* 11/07 – 04/08**

NextGen is a technology framework being developed by NASDAQ-OMX Technology to support the development of advanced trading, clearing and transaction management systems for both large and small exchanges and clearing houses. NextGen is a complete central system solution of exchange. It is constructed using a building block concept, whereby a defined set of functionalities is combined into a building block. Each building block is a software application that can be deployed standalone or together with other building block.

**Responsibilities:**

* Involved in writing C# components. Freezing the requirement specs and also involved in functional spec preparation.
* Implementing business logic. Responsible for Writing and reading XML files**,** Serialization of XML.

**Environment: C# 2.0, Visual Studio2008 .Net Framework 2.0.**

**Programmer Analyst, HCL Technologies 01/07 – 11/07**

***eSchoolData (***[***http://nexgen.eschooldata.com/***](http://nexgen.eschooldata.com/)***)***

eSchoolData represents the next generation of Student Management System. The powerful functionality of eSchoolData stems from its native data-gathering, data analysis and data reporting capabilities that link and integrate all data into centralized database, providing information output at the student, parent, teachers, classroom, school, district and state levels.

**Responsibilities:**

* Responsible for development and maintenance of intranet Web applications, get data and reportsusingASP.NET, C#, SQL Server 2005**.**
* Data Grid and Data Reader for binding data from database to the various web forms in ADO.Net.
* Involve in Design Web Pages.

**Environment: C# 2.0, Visual Studio 2005, Framework 2.0, Web Services. SQL Server 2005.**

**EDUCATION:**

* Master in Computer Application from Jamia Millia Islamia University, India.
* Bachelor in Science from Jamia Millia Islamia University, India.