# Curriculum VitaE

**Gurpreet Singh**

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**Objective:**

Seeking a position in the Information Technology Industry where my skills and abilities can be utilized for professional growth while being resourceful, innovative and flexible and to prove an asset for the organization.

**Professional Experience**

* Software development and Product implementation experience of 7 years.
* Software developer with good hand in MVC (4 and 5), entity framework, ASP.NET with C# and VB.NET.
* Strong knowledge of multiple table queries for customized generation of complex reports with related sub-reports, charts, and graphics displays.
* Adept in end-to-end development of software products from requirement analysis to system study, designing, coding, testing, debugging, documentation and implementation using ASP.NET technologies.
* Expert in identifying/understanding needs; **focusing on the important real issues,** translating issues into technical actions and implementing code; and/or delegating coding to local team members or to off-shore developers.
* **Expert coder** with a proven track record of success in creating new software; migrating & evolving existing software; leveraging existing code & tools; and integrating with code done elsewhere.
* Proficiency in handling multiple teams and posting positive results.
* Part of the architecture and design discussion team and hands on experience of preparing the requirement and analysis document.
* Always have positive attitude for work and always keep proper balance between office and personal life.

**CAREER CONTOUR**

**Software Developer with Lovely InfoTech, Jalandhar, Punjab since June’08**

**Technical Skills:**

Languages : C#, ASP.NET, VB.NET, JavaScript, HTML.

Web Technologies : MVC 4 & 5, Microsoft AJAX toolkit, JSON, jQuery, knockoutJs, Web API.

Methodologies : OOA/D, Three tier architecture, Agile.

Database Access : Entity framework, dapper, Linq, ADO.Net, ADO, ODBC.

Databases : SQL Server 2012, MS Access

Reporting : Crystal Reports, SQL reporting Services, itextsharp.

Tools : Visual Studio, Telerik, Ajax Toolkit, Word, Excel.

**PROJECTS OVERVIEW**

Project: **ONLINE TEST SYSTEM** (**Team members: 3)**

**Description:** Online test system is an online web based application for managing the online test of students and staff. Student can register for placement related activities and staff can register for staff academic related activities. User can see result with charts and receive email confirmation. Administrator can see result related reports, charts and do other activities.

Languages/Tools Utilized: N tier architecture with MVC 5, JQuery, Bootstrap, Entity framework and SQL Server 2012 Database.

* Role played: Involved in requirement analysis, UI design, coding, database design, and development and testing.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.
* Involved in the system right from analysis and designing major objects including EDMX, Stored Procedures, Triggers and Linq .NET assemblies, Visual Studio solutions and projects.

Project: **CLINIC MANAGEMENT SYSTEM** **(Team members: 4)**

**Description:** Clinic Management software which helps in efficient clinic management by managing Doctor's appointments, scheduling, patient registration, medical billing, Inventory, Lab Analytical reports.  
  
 Languages/Tools Utilized: N tier architecture with UI in MVC 5, JQuery, Bootstrap, Entity framework and SQL Server 2012 Database.

* Role played: Involved in requirement analysis, UI design, coding, database design, and development and testing.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.

Project: **INVENTORY SYSTEM (Team members: 4)**

**Description:** In this Project the firm entirely details with the item sales and purchases that is done. The project is divided into 4 major modules Masters, transactions, accounts and reports.   These modules are again divided into several sub modules.

The main aim of the project is to purchase the raw material from the different suppliers and selling the product to the customers and generating the appropriate reports.

* Languages/Tools Utilized: 3 tier architecture with UI in ASP.NET, C#, SQL Server 2012 Database.
* Role played: Involved in requirement analysis, UI design, database design, and development and testing.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.
* Involved in the system right from analysis and designing major objects including XSD schemas, Stored Procedures, Triggers .NET assemblies, Visual Studio solutions and projects.
* Used Dataset, Data Reader and Data Adapter classes of ADO.NET for accessing data from the database server.
* Write utility classes for validating the data as per the user’s requirements by using C#.

Project: **LPUNEST (National Eligibility & Scholarship Test) (Team members: 4)**

**Description:** NEST portal is an online web based application for managing the national level test registration of 12th class students for scholarship. NEST is managing the test activities such as registration, payment and result of candidates. Last year more than 3 lac Applicants registered for LPUNEST-2015.

* Languages/Tools Utilized: 3 tier architecture with UI in ASP.NET, C#, SQL Server 2012 Database.
* Role played: Involved in requirement analysis, UI design, database design, and development and testing.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.
* Involved in the system right from analysis and designing major objects including XSD schemas, Stored Procedures, Triggers .NET assemblies, Visual Studio solutions and projects.
* Used Dataset, Data Reader and Data Adapter classes of ADO.NET for accessing data from the database server.
* Write utility classes for validating the data as per the user’s requirements by using C#.
* Web based online system implemented with test booking third party API and Payment gateway with **payU and Paytm.**

Project: **Vendor Management System (Team members: 3)**

**Description**: Vendor Management System is a web based application which is used by the Vendor Department of the University to manage the various records of vendors. It includes various modules like filing the Vendor Account details with location wise kiosks and mess, employee details with location and designation wise etc.

* Languages/Tools Utilized: 3 tier architecture with UI in ASP.NET, C# , SQL Server 2012 Database
* Role played: Involved in requirement analysis, UI design, database design, and development and testing.
* Involved in the system right from analysis and designing major objects including XSD schemas, Stored Procedures, Triggers .NET assemblies, Visual Studio solutions and projects.
* Used Dataset, Data Reader and Data Adapter classes of ADO.NET for accessing data from the database server.

Project: **Fee Management System & Accounts** **(Team Members: 4)**

**Description**: Fee Management System module enables the Accounts Department to maintain registers of fee receipts and outstanding amounts on student/class basis. The Fee module has a configurable structure for fines and other charges. FMS provides a flexible fee management system by maintaining a ledger for each student. Student ledger will have the credit and debit transaction made by the student on a semester / annual basis.

* Languages/Tools Utilized: VB.Net 2008, SQL Server 2012 Database
* Role played: Involved in creating masters, transaction and reports.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.
* Involved in the system right from analysis and designing major objects including XSD schemas, Stored Procedures, Triggers .NET assemblies, Visual Studio solutions and projects.
* Developed Win Form Application using VB.Net
* Used Dataset, Data Reader and Data Adapter classes of ADO.NET for accessing data from the database server.
* Developed Win Forms (Windows Forms) Service for configuring a timer service in the application by using VB.Net.
* Write utility classes for validating the data as per the user’s requirements by using VB.Net.
* FMS is customised to handle various currencies based on the country a student belongs to.
* Implemented Payment Gateways for Online payment.

Project: **Admission Management (Team Members: 4)**

**Description:** Itis a software solution which helps to automate admission process with generation of registration number facility provided by an organization or institute. It helps to maintain all the records related to students, contact, address and qualification details including hostel/ transport allocation, EDB and scholarship issues.

* Languages/Tools Utilized: Entity framework with UI in ASP.NET, C# , SQL Server 2012 Database
* Role played: Involved in requirement analysis, UI design, database design, and development and testing.
* Extensively interacted with business analyst teams to provide technical support and measure the scalability, consistency and accuracy of the application.
* Involved in the system right from analysis and designing major objects including EDMX, Stored Procedures, Triggers and LinQ .NET assemblies, Visual Studio solutions and projects.
* Used Ilist and dbset classes of ADO.NET for accessing data from the database server.
* Write utility classes for validating the data as per the user’s requirements by using C#.
* Web based online system implemented with Payment gateway with **payU and Paytm**.
* Auto calculator of eligibility and award of scholarship on basis of previous qualification details.

Project: **Article and News Management System (Team members: 2)**

**Description:**  An application developed for creation of new articles and manages the articles with help of web based application. In addition to this, bulk mail module is also used to send mail to multiple users with embedded information of articles into mail body.

* Designed an interface which is used to submit an article online with help of Rad Editor and configure the Rad Editor control in order to make suitable for writing article online.
* Designed a database which includes creating tables and relationships between tables as well as for writing stored procedures and use it in a front end application.
* Used Application block of Microsoft Enterprise Library in order to create connection and get data in dataset from data source.

Project: **Token Management System (Team members: 2)**

**Description:** An application developed specially for students to seek appointment about their Fee, hostel booking and any academic related queries. This offers for the employees good working conditions; they can be efficient yet relaxed without being intimated by the queue of overlooking student awaiting to be attended.  
   
The Department Head can check Daily Efficiency Reports of his team allowing him to optimize resource allocation respond to staff workloads and provide better service to his students.

* Supports up to three service types and 16 serving counters. Can be configured according to the concerned department requirements.
* Systemizes the daily work.
* "Daily Efficiency Reports" provided inventory of the customer arrival time and wait time to receive service.
* High quality LED to display token numbers and counter number of students queued up for service.
* Token slip carries department name, window number, query category, student name, registration number, snap, token number and token slot date and time of issue.
* Student waiting' indication on each counter.

**ACADEMICS**

2013 **MCA** from Punjab Technical University, Jalandhar, *secured 71%.*

2008 **M.Sc. (C.S.)** from GNDU secured *57%.*

**PERSONAL DETAILS**

**Name** : Gurpreet Singh

**Date of Birth**  : 26/10/1981

**Nationality** : Indian

**Gender**  : Male

**Marital Status**  : Married

**Languages Known :** English, Hindi, and Punjab**i**

**City :** Phagwara

**Distt :** Kapurthala

**State** : Punjab

**Declaration:**

I hereby declare that all the above information is correct and true to the best of my knowledge and belief and also belongs to me and I shall show all documents (proofs) regarding what I have mentioned herein.

**Gurpreet Singh**