**Sanchit Garg**

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**Profile Summary:**

* Overall, around 13+ years of IT work experience in all phases of software development life cycle with extensive experience in analysis, design, development, customizations, and implementation of software applications using Microsoft Technologies.
* Hands on working experience with Microsoft.Net Technologies (.NET Framework, MS Visual Studio .NET, ASP.NET, ADO .NET, C#.NET, .Net Core, Windows Services, LINQ, Web Services/WCF), Entity Framework, AngularJS, and various relational databases (SQL Server, Oracle).
* Experience in Developing Client MVC application using ASP .Net MVC, C#, Entity Framework, and LINQ Framework.
* Strong Experience in server-side programming back end development with strong OOPS concepts using C# .NET.
* Experience in Web application development using ASP.Net, HTML, CSS, Java Scripting, Webforms, N-Tire Architecture and Deployment of Web Application in IIS.
* Experience Service Oriented Architecture (SOA), REST and .NET WEB API, Web Service development for Cloud based products.
* Experience inconfiguring the Continuous Integration (CI/CD) tool Jenkins.
* Strong Experience in Working with SOAP services and RESTful services using .Net Technologies Web API, WCF.
* Advanced UI development using the latest technologies like HTML5, CSS 3, Bootstrap, JavaScript, jQuery, and TypeScript.
* Experience in working with Angular 2 develops client-side Application using Node JS, TypeScript, NPM.
* Experience of creating rich UI applications in WPF 4.5/4.0, Silverlight 4.0/3.0 along with XAML programming and Expression Blend 4.0/3.0
* Expertise in Working with databases SQL Server by writing Queries, Stored Procedures, Views using SQL, Maintaining Database, experience in Query optimization.
* Good knowledge in writing Constraints, Indexes, views, cursors, Triggers and User Defined Functions using SQL.
* Experience in using Source Controls like Team Foundation Server (TFS), Subversion (SVN), VSS, HP Quality Center, ALM.
* Experienced in working with Unit Testing, User Acceptance Testing NUNIT, SOAPUI to check whether all the Business Objective requirements are archived and Test Coverage for Classes, Controllers, and triggers.
* Strong Experience in Using SQL Server management Studio, Visual Studio IDE.
* Used JIRA and Azure DevOps for creating, tracking, and updating user stories, tasks, and bugs.
* Experience in coding and troubleshooting applications, finding, and resolving bugs.
* Excellent analytical, inter-personal, communication & written skills.
* Excellent team player with problem-solving and trouble-shooting capabilities.
* Strong background in software engineering methodologies.
* Well-motivated and rapidly acquire new skills on the job, assertive and a committed team player.
* Knowledgeable in strong work ethic, taking ownership of all duties and responsibilities.

**Technical Skill Expertise:**

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| --- | --- |
| **Programming Languages** | C#, VB.Net, JavaScript, jQuery, XML, XSLT, SQL, PL/SQL |
| **.Net Technologies** | ADO.Net, ASP.Net 2.0/3.0/3.5/4.0, ASP.NET MVC, .Net Framework 1.1/2.0/3.0/3.5/4.0, WCF Web Services, Azure, LINQ, Entity Framework |
| **Web/XML Technologies** | HTML, CSS, XML, XSLT, JavaScript, jQuery, JSON, PowerShell, AJAX, SOAP, WPF 4.5/4.0, WSDL, Angular JS |
| **Frameworks** | .Net, WCF, Entity Framework, LINQ, MVC, Web API, Angular |
| **Application/Web Servers** | IIS 5.0/6.0/7.0 |
| **RDBMS** | MS SQL Server 2008/2012/2014, Oracle, MS Access, PL/SQL |
| **Source Control** | Microsoft VSS, Harvest, SVN, GIT |
| **Operating Systems** | Windows Win7/Vista/XP/NT/Server 2000/2003/2008 |
| **Other tools** | Microsoft Visio, Dreamweaver, SOAP-UI, Fiddler, Postman, NUNIT, ALM, HP Quality Center, JIRA, Eclipse, Automic Service Orchestration |

**Professional Work Experience:**

**SunTrust Bank**, Atlanta, GA **May '19 – till Date**

**Full Stack .NET Developer/Lead**

**Project: Business Continuity Remediation**

Business Continuity Remediationis the enterprisesystemdeveloped and used by the bank for audit and compliance which primarily used for inquiring, reporting, updating of disaster recovery tasks to be performed by different banking applications and streams during disaster recovery.

**Responsibilities:**

* Responsible for delivery and planning of the project and work closely with Product Owner for the sprint cycles and user stories.
* Developed **ASP.NET Core Web API based** on departmental requirements and specifications.
* Participated in meetings with Business users and with other project teams to ensure that the volatile business requirements reflect in the project development.
* Involved in complete Life Cycle including Analysis, Design, Development and Testing and followed Agile Methodology.
* Developed and Implemented web applications using Microsoft Visual Studio 2017, C#, ASP.NET jQuery, JavaScript, HTML5.0, CSS3, Angular, Web Services, Microsoft SQL Server 2016
* Designed and implemented User Interface Layer using ASP.NET web forms.
* Developed User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented JavaScript, Type Script, Angular 4
* Implemented JWT Token based authentication to secure the **ASP.NET Core Web API** and provide authorization to different users.
* Designing and developing various abstract classes, interfaces, and class to construct the business logic using C #, whereas the middle tier consists of all business logics.
* Designed and maintained database in SQL Server. Created tables, views, SQL Joins, user defined functions, triggers, and stored procedures for different type of operations like updating data in the database, retrieving data etc.
* Extensively involved in code reviews, monitoring and knowledge sharing of team to ensure the delivery of high-quality products.
* Extensive experience in designing & normalization of relational database, creating complex database queries using SQL, stored procedures, Functions, Views, Indexes and Triggers, Rules, Defaults, user defined data types and functions in SQL Server.
* Hands on experience using Source Code Control Systems like Microsoft Visual Source Safe and Microsoft Team Foundation Server.
* Participated in daily scrums and weekly meetings with the business to meet expectations and deadlines.
* Responsible for sharing regular updates with client regarding applicationchallenges, mitigation plans and backlog items.
* Responsible for raising concerns and issues in front of management for any roadblocks.
* Translate strategic requirements and achieve consistency of the information across the solution.
* Responsible for delivering solution, code reviewing and mentoring team members.
* Provide inputs for release planning and risk management.

**Environment:**.NET Framework 3.5/4.0, MS Visual Studio.NET 2017, .Net 3.5/4.0 Framework, Entity Framework, ASP.NET, C#.NET, CSS, JavaScript, Angular 4/6/7, jQuery, Xml, LINQ, TFS 2012, LINQ to SQL, SQL Server 2012, IIS 7.0, Web-Services, WCF, TFS, Azure DevOps.

**IBM, Atlanta, GA** **May '18 – Apr '19**

**.NET Developer/Lead**

**Project: Item Processing Optimization**

Item Processing Optimization (IPO) is the integration layer (application) that connects between several internal and external components. IPO consists of several modules within it and each of them act as an independent component. The IPAS (Item Processing Application Services) layer consumes the services from CIS and Splunk via SNET and Http Event Collector respectively. Common Framework for Ipas Layer is a package that serves as a base for other layers within the solution. This is an in house developed customized framework for the purpose of logging (flat file), exception handling and factory creation via unity.

**Responsibilities:**

* Developed Web API using REST in .Net .
* Design and develop NUNIT testing module to test the various business scenarios.
* Extensive use of Swagger REST API tool to test the design.
* Extensive use of Fiddler to test the services.
* Developed visual components through WPF using XAML and Expression Blend.
* Worked with client and involved in the UAT Build, Configuration, Deployment, and Integration.
* Responsible for deploying different modules of the project in IIS server.
* Involved in Fixing the UAT Bugs, change requests (CRs) analysis and impact analysis of CRs.
* Designed and maintained database in SQL Server. Created tables, views, SQL Joins, user defined functions, triggers, and stored procedures for different type of operations like updating data in the database, retrieving data etc.
* Extensively involved in code reviews, monitoring and knowledge sharing of team to ensure the delivery of high-quality products.
* Extensive experience in designing & normalization of relational database, creating complex database queries using SQL, stored procedures, Functions, Views, Indexes and Triggers, Rules, Defaults, user defined data types and functions in SQL Server.
* Hands on experience using Source Code Control Systems like Microsoft Visual Source Safe and Microsoft Team Foundation Server.
* Participated in daily scrums and weekly meetings with the business to meet expectations and deadlines.
* Developed the rich visual components through WPF using XAML and Expression Blend.
* Responsible for sharing regular updates with client regarding application challenges, mitigation plans and backlog items.
* Responsible for raising concerns and issues in front of management for any roadblocks.
* Translate strategic requirements and achieve consistency of the information across the solution.
* Responsible for delivering solution, code reviewing and mentoring team members.
* Provide inputs for release planning and risk management.

**Environment:**IIS Web Server, .Net 5.0, C#, Web API, NUNIT, WPF, Fiddler, Swagger, TFS, GIT, Windows Service, Unity container, JSON, SQL Server 2012, IIS 7.0, Web-Services, WCF.

**IBM**, Atlanta, GA **Apr 17 – Apr 18**

**Senior Software Engineer**

**Project: Wholesale Application**

Wholesale is the commercial loan accounting system primarily used for Booking, Balancing, Billing, Inquiring and Reporting of commercial loans. It is designed to perform complete accounting functions for commercial loan products.Wholesale layer is a middle layer interacts with legacy COMPASS Mainframe system and CastIron /Data Power, where end user initiates a loan request through Wholesale UI which interacts with CastIron /Data Power using service based architecture and get the data from Salesforce and update the COMPASS Mainframe System and vice versa.

**Responsibilities:**

* Involved in complete Life Cycle including Analysis, Design, Development and Testing and followed Agile Methodology.
* Developed and Implemented the applications using Microsoft Visual Studio 2017, C#, ASP.NET jQuery, JavaScript, WCF, LINQ, Entity Framework, Microsoft SQL Server 2016.
* Designing and developing various abstract classes, interfaces, and class to construct the business logic using C #, whereas the middle tier consists of all business logics.
* Designed and maintained database in SQL Server. Created tables, views, SQL Joins, user defined functions, triggers, and stored procedures for different type of operations like updating data in the database, retrieving data etc.
* Extensively involved in code reviews, monitoring and knowledge sharing of team to ensure the delivery of high-quality products.
* Extensive experience in designing & normalization of relational database, creating complex database queries using SQL, stored procedures, Functions, Views, Indexes and Triggers, Rules, Defaults, user defined data types and functions in SQL Server.
* Hands on experience using Source Code Control Systems like Microsoft Visual Source Safe and Microsoft Team Foundation Server.
* Participated in daily scrums and weekly meetings with the business to meet expectations and deadlines.
* Responsible for delivering solution, code reviewing, mentoring team members.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements
* .Translate customer requirements into technical requirements by providing specific solutions using programming efforts and testing that culminate in client acceptance of the results.
* Utilize in-depth knowledge of developing and integrating WCF services and other cutting-edge technologies in conjunction with industry and business standards to deliver quality solutions to customer.

**Environment:**IIS Web Server, .Net 3.0, C#, WCF, SQL Server-2005/2008, SOAP-UI, TFS, JQuery, LINQ, Entity Framework, GIT, TOAD, Fiddler

**IBM**, Atlanta, GA **Feb '15 – Mar '17**

**Technical Lead**

**Project: Enterprise Client - CRS Infrastructure Stabilization**

The Commercial Relationship system, or CRS, is SunTrust’s commercial database. It’s an in-house developed mainframe DB2 and .net online system which pulls together different accounts information from SunTrust’s different application systems.

**Responsibilities:**

* Responsible for migration of legacy application(s) to latest .net framework 4.6.1. by replacing remoting with WCF and Infragistics controls to asp.net in built controls.
* Provide work around solution(s) for issues comes up during migration.
* Configuration changes in TFS packages for connection strings pointed to new database servers
* Validation of configuration settings for different environments.
* Testing of URL’s after implementation for different environments QA, DR and PROD.
* Assisting team members technically and functionally for resolving problems efficiently.
* Interacting with clients whenever functional inputs and clarifications are required.
* Arranging knowledge sharing session across team members.
* Responsible for deliverables, code review and mentoring offshore team members.
* Responsible for client sign-off for documentation for this project.
* Responsible for deliverables and mentoring offshore team members.

**Environment**: IIS Web Server, .Net 4.0, C#, WCF, SQL Server-2012, TFS, GIT, TOAD

**Commonwealth Bank of Australia**, Australia **Apr '13 – Jan '15**

Senior Software Engineer

**Project- Core Banking Modernization**

CBM is an integration project of Commonwealth Bank of Australia based on SOA architecture where web services are called from different systems like SAP, Mainframe, BizTalk etc. The aim of the project is to modernize the bank telling system. Basically, getting the data from legacy system i.e. mainframes systems and changing it to the form of SAP responses in XML format using XSLT. Once the formatted XML is generated it is then processed through C# code where complex business is applied based on business requirements. We provide development and support using SOA architecture.

**Responsibilities:**

* Work with Business Analyst in translating business requirements into functional requirements document and to detailed design documents
* Responsible for web services integration for client requirements.
* Daily interaction with the client on issues and modification on projects.
* Involved in offshore reviews, meetings and walk through with client.
* Use NUNIT tool to create and perform unit testing for business scenarios.
* Perform code review for peer members.
* Coordinate and work with onsite senior developers.
* Work with QA to create test scripts and scenarios for enhancements and customizations to the core product.

**Environment:** IIS Web Server, XML, XSLT, C#, Web services, SOA, SOAP UI, NUNIT, TFS, WCF.

**EBIX Incorporation Jan '10 – Mar '13**

System Analyst

**Project - Annuity Net**

Annuity Net is an insurance based product of EBIX incorporation and is widely used by US insurance giants like - SunTrust, Merrill Lynch, ING, Fidelity, Prudential, Wachovia Securities, Wells Fargo. We are involved in enhancing new modules in the existing product.

**Responsibilities:**

* Handled multiple roles and responsibilities as a System Analyst.
* Involved is task management activities.
* Mentoring team members technically and functionally.
* Handling development and deployment of new modules in existing .Net application.
* Involved in coding and configuration of different business requirements.
* Involved in maintenance and support of existing project.

**Environment:** IIS Web Server, XML, XSLT, ASP.NET, C#, JavaScript, VB Script, SQL Server-2005/2008, Altova XML Spy, TFS, SOAP- UI.

**Motherson Sumi Infotech & Designs Limited Sep '07 – Dec '09**

Software Engineer

**Project - Material Resource Planning**

Application used mainly for the Inventory Process for the Company and keeping a track of products manufactured by the company. It provides the Forms for storing Product Details and retrieving them through search and to send the details to the Client. Since MSSL is a manufacturing organization and manufactures harnesses, Cables, tension cords etc. Thus, they need IT support for their manufacturing processes.

**Responsibilities:**

* Involved in coding and development of business requirements.
* Implementing stored procedures, functions, and triggers.
* Develop unit test cases for multiple business scenarios.
* Involved in interaction with business analysts for understanding requirements.

**Environment:** Win XP, ASP.NET, SQL Server 2005, IIS 6.0, C#, Infragistics Control, Crystal Report, JavaScript, VB Script.

**Motherson Sumi Infotech & Designs Limited Feb '07 – Aug '07**

Software Engineer

**Project - Management Information & Data Access System**

MIS project is designed and develop for MIND client HCIL to provide support, maintenance, and migration of existing modules in VB to dot net. Also, the key role for MIND team is to provide end user support through call handling. HCIL is the corporate office of HNS (Hughes Network Services, USA) in India. All operations and core business of HCIL are handled through MIDAS application, which consists of 20 different modules on different domains like HR, Education, Finance, Sales, Marketing, Networking and Customer Support.

**Responsibilities:**

* Involved in coding and development of new business requirements.
* Involved in migration of old VB.Net code to C#.
* Implementing stored procedures, functions, and triggers.
* Develop unit test cases for multiple business scenarios.
* Involved in interaction with business analysts for understanding requirements.

**Environment:** Win XP, ASP.NET, SQL Server 2005, IIS 6.0, C#, VSS, VB Script.

**Motherson Sumi Infotech & Designs Limited Aug '06 – Jan '07**

Software Engineer

**Project –ITOCHU**

ITOCHU is a Japanese client of MIND and we are involved in to provide development and support to ITOCHU for their integrated business engaged in domestic trading, import/export and overseas trading in textiles, machinery, metals etc. by developing .Net application with back end as Oracle 9i. Work for back end support & development of stored procedures and triggers.

**Responsibilities:**

* Involved in coding and development of new business requirements.
* Develop stored procedures, functions, and triggers for different business requirements.
* Develop unit test cases for multiple business scenarios.
* Design and Develop master and transaction screens using Oracle Forms Developer
* Involved in interaction with business analysts for understanding requirements.

**Environment:** Oracle9i, PL/SQL, TOAD, Oracle Forms Developer

**Award & Recognition:**

* IBM – Manager Choice Award – June 2018.
* IBM – Manager Choice Award – March 2016.

**Educational Qualification:**

* Master's in Computer Applications, 2006
* Bachelor in Computer Applications, 2003

**Professional Certification/Training:**

* IBM Certified Specialist DB2 UDB V6.1/V7.1 User
* Professional Scrum Master I – Jan 25, 2020
* Salesforce Certification ADM201 – Feb 2021