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E-mail: [sreenathkc@gmail.com](mailto:sreenathkc@gmail.com)**PROFESSIONAL SUMMARY**

- **Microsoft** Software Developer Professional with **over 9 years** of demonstrated work experience in developing and implementing business technology applications, systems integration, data warehouse and testing solutions.
- Experience with in-depth domain knowledge of Finance & Banking industry and skills including, but not limited to, software analysis, design and development.
- Comprehensive understanding of the **Web Page, ASP.NET Framework 4.0, 3.5, 2.0 and C#.NET, VB.NET, ADO.NET, WinForms, ETL Process, Entity Framework, HTML5, CSS3, JavaScript.**
- Designing and developing **SQL Server 2012, SQL Server 2008 R2, SQL Server 2005** with technologies such as database structure, Stored Procedures, Triggers, Transact SQL.
- Strong understanding of Database models, Data Ware house and design concepts.
- Experience in working with **Autosys** Services, IXP, JIL files, Job scheduling, Calendars and managing.
- Involved in designing Multi-tiered/ Multi-threaded applications. Used Design Patterns in developing applications. Standardized UI using Master Pages, Skins and Themes. Globalized and Localized applications. Developed Custom Web Controls using C#, HTML, AJAX, JavaScript and JQuery.
- Developed and maintained OLTP and BI systems for large to medium scale Data Transformation services for varied Data formats in text files, XML, Oracle, SQL Server using SQL Server **SSIS and SSRS.**
- Designed Normalized Databases, programming in T-SQL, PL-SQL, PLSQL Developer, SQL Profiler. Optimized Stored Procedures, Functions, Triggers, Views and Indexes. De-normalized Database for reporting and performance needs.
- Developed Stored Procedures using CTEs, Partitioning, Ranking and Statistical functions.
- Developed, Enhanced and maintained many new and existing Windows applications using **WinForms.**
- Interacted with multiple stakeholders for Requirements gathering, Functional and Nonfunctional specifications. Conceptualized business requirements and prepared UML Use cases, Sequence Diagrams and Deployment Diagrams using Visio.
- Experience in developing and implementing Web services.
- Knowledge in Windows servers, expertise in working with **IIS** for deploying web applications.
- Good knowledge in Object oriented programming (**OOPS**).
- Strong knowledge of Software Development Life Cycle (**SDLC**) methodologies like Iterative, **Agile.**
- Interacted with the team members to analyze and understand the issues to fix it in the system, Comprehensive understanding of the work flow analysis in Information Technology and Finance and Banking Industry.
- Proficient in analyzing Software Requirement Specification (**SRS**) and create technical documents like Business Requirements Document (BRD), Product Requirements Document (PRD), High Level Design Document (HLD) based on it.
- Experience in working with business level management in User Acceptance Testing (**UAT**).
- Exposure to multiple Implementation methodologies like Agile, Iterative, waterfall. Extensive experience in all phases of SDLC, Maintenance and post production support.
- Strong decision making and problem solving skills. Able to motivate and lead others in a team environment.
- Experience in mentoring and managing team sizes varying from 5 ~ 15 members, Onsite-Offshore co-ordination.
- Excellent Team player, problem solving skills, ability to work under pressure, adaptive and fast learner.

**TECHNICAL SKILLS**

<b>Operating Systems</b>	:	Windows XP/7, Windows Server 2000/2003/2008.
<b>Microsoft Technologies</b>	:	.NET Framework (4.0, 3.5, 3.0, 2.0), C#.Net, ASP.NET, Web Forms, JavaScript, AJAX, ADO.NET, XML, XSLT, LINQ, Entity Framework, jQuery, JSON, CSS, ADO, ODBC, T-Sql.
<b>Web Servers</b>	:	IIS 7.5/7.0/6.0
<b>BI Tools</b>	:	SSIS 2005/2008/2012, SSRS 2005/2008/2012.
<b>IDE</b>	:	VS2012, VS2010 and VS2008
<b>Database</b>	:	SQL Server 2000/2005/2008 R2/2012
<b>Version Control</b>	:	TFS 2010, VSS and Tortoise SVN
<b>Third Party Tools</b>	:	RedGate, Autosys, Enterprise Library, AjaxControlToolkit, Dundas Charts, DynamicPDF, PPPlus, OpenXML

**Reporting Tools** : SSRS 2008/SSRS 2012  
**Other Tools** : PLSQL Developer, Visio, Sourcesafe, SVN, FxCop, HP Quality Center

## EDUCATION

- Master of Computer Applications
- Bachelor of Computer Applications

## PROFESSIONALEXPERIENCE

### Three Wells Fargo, Charlotte, NC Enterprise Market Risk Technology

April 2015 – Till Date

#### Database / Business Intelligence Developer

Enterprise Market Risk Technology (EMRT) assesses and analyses the risks associated with the bank and deals with planning, organizing, leading and controlling the activities involving the organization's capital earnings. It is a combination of several database and data warehouse systems which extracts and transforms the information; processes stress and various other analysis on the transformed data and the outcome will be made available to those interested. Information is processed on daily, weekly and monthly basis. This data will be enriched and after stress calculation, it will be made available to the Business Analysts and Market Risk Officers. Risk Insight is the reporting server which provides the analyzed data that will be consumed by various entities in the bank.

#### Responsibilities

- Works as part of Data Services team on developing SSIS packages to load data into Relational database.
- Works with designing Data warehouse. Involved in modelling Facts and dimensions required for snow flake schema.
- Creating and managing Table partition and swapping of partition in a data ware house.
- Develops stored procedure using the expertise skill set in SQL development.
- Works on resolving production issues.
- Works on SSIS packages on adding new fields and modifying the existing according to the requirements. Data modeling and performance tuning.
- Designing Custom slowly changing dimensions for the ware house.
- Works on SQL server 2012/2008 R2 databases.
- Creating JIL scripts and managing Autosys jobs.

#### Environment

SQL Server 2012/2008 R2, SSIS, .Net, C#

### Bank of America, Charlotte, NC Corporate Action

Nov 2012 – April 2015

#### Senior Database / Application Developer

Corporate Action is a LOB application to manage and track various corporate actions and events. Different types of mandatory and voluntary calls will be flowed into the system and users can update/send validated information to sub streams. This application has a very complex User Interface that utilizes jQuery and Ajax to make a better user experience. It uses MVC architectural pattern for implementing user interfaces. ETL process of this application load securities from source stream on a daily base and using that details it fetches calls details. This is again another process which uses HTTP calls from within SSIS packages and loads the result to system. There are over 30 type of SSRS Reports which are deployed on dedicated SSRS Server.

#### Responsibilities

- Involved in Requirement Study, TDD Creation, UI Design, Development, Implementation, code Review, Validation & Testing, Deployment and client interactions.
- Solid understanding of development facts and multi end user optimization. Preparing Functional Specification document and Technical Specification document.
- Provided effective SOA as Resolution and resolved the incident for the customer within the time line allotted.
- Involved in Agile Methodologies Development Projects.
- Developed Various reports using Microsoft SQL Server Reporting tool (SSRS)
- Employed architectural patterns like MVC to develop user interface.
- Developed website presentation layer using ASP.Net, HTML5, CSS3, JavaScript and JQuery.

- Developed Letter Fax internal application using ASP.Net, C#.
- Developing Windows Services.
- Developing SSIS packages to handle various Sources like Database, HTTP API, network storage folder etc.
- Implemented document standards, procedures, artifacts.
- Writing JIL files to load in autosys IXP and managing IXP instances and jobs.
- Writing Boxes on autosys to control the job flow and maintainability.
- Deploying code to IIS Server
- Involved in designing and developing workflow diagrams for different modules using MS Visio.
- Supervised and directed outsourcing effort.
- Involved in Effort & Time estimation.

#### **Environment**

.NET Framework 4.0 (Visual Studio 2010) C#, ASP.Net, HTML5, CSS3, JavaScript, Ajax, Entity Framework, MS SQL Server 2008, SSIS,SSRS.

**Bank of America, Charlotte, NC**  
**Windows app development**  
**Senior Developer**

**July 2014 – April 2015**

ADLookup is a windows application for internal use in Bank. This tool is used for helping audit related tasks and also to easily manage / query AD resources like user details or AD group details.

#### **Responsibilities**

- Involved in Requirement Study, UI Design, Development, Implementation, code Review, Validation & Testing, Deployment.
- Designing and developing a fast and light weight windows form tool for AD look up.
- Logic to query Active Directory based on user ID/Name/mail ID
- Logic to query AD for finding groups associated with a member or members associated with in a group etc.
- Implemented design patterns.
- implemented and document standards, procedures, artifacts
- Documented best practices in the project for reusability.

#### **Environment**

.NET Framework 4.0 (Visual Studio 2010) C#

**Bank of America, Charlotte, NC**  
**Billing System**  
**Web Developer/ETL developer**

**Nov 2012 – April 2015**

Billing manages various accounts billing systems information. It manages various types of Billing rules and methods based on the given set of criteria's. All billing parameter for each account can be setup in the system. Each day data load will bring daily and monthly account information to the system. A manager can setup and generate bills on daily/monthly/quarterly or yearly basis and send to respective accounts.

#### **Responsibilities**

- Key software engineer responsible for development, enhancement and support of an engine and tools to generate bulk term in multiple forums.
- Designed Data warehouse based Database model to manage historical data for analysis.
- Complete ASP.Net application design and development
- Use of jQuery for better User Interface.
- Writing Web services
- Designing and deploying all SSIS packages for the application.
- Writing stored procedures, user defined functions, Views.
- Developing SSIS package to load form various different source file types like excel, flat files, CSV, XML.
- Designing SSRS reports and deploying.
- Designing user interfaces using asp.net
- Deploying code to IIS Server

**Environment**

.NET Framework 4.0 (Visual Studio 2010) C#, ASP.Net, HTML, CSS3, JavaScript, ADO.NET, SSRS, SSIS, Ajax, MS SQL Server 2008, Autosys

**Bank of America, Bangalore, India  
Portfolio Audit and Release  
Team Lead****Nov 2009 – Oct 2012**

Portfolio Audit and Release (PAR) is an internal application used by LOB associates to assess and benchmark the funds and release reports periodically. This is a web based application and uses SQL DTS as backend engine to load the data from different sources. PAR merges various fund information from different source and categorizes them for benchmarking and other fund characteristics. Exports reports based on different options and used it to publish the monthly/quarterly details.

**Responsibilities**

- ASP.Net application design and development
- Use of jQuery for better User Interface.
- Writing Web services
- Involved in development, unit testing, Bug fixing and Deployment.
- Designing and deploying all SSIS packages for the application.
- Migrating over 30 of legacy SQL 2000 DTS Packages to SSIS 2008.
- Resolving various challenges exposed as a part of Migration like Microsoft file type/office compatibility, lack of application server for on the flow file type conversion etc.
- Writing stored procedures, user defined functions, Views.
- Developing a configurable XML file read task, so that position of each column can be configured from UI which will resolve the issues related to different file formats.

**Environment**

SQL Server 2005, SQL Server 2008, SSRS, SSIS, SQL Management Studio, Visual Studio 2005

**IndusCorp, Bangalore, India  
Carbon Management  
Web Application Development****Dec 2008– Oct 2009**

Carbon Management is a SaaS based web application for managing various Carbon Emission related information for organizations. It helps users to Assess, Manage, Analyze Carbon Emission and Carbon Footprints of a company. It helps to calculate the total Emission Cost, Emission Offsets and future emission strategies and actions. MVC architectural pattern was employed to build the application.

**Responsibilities**

- Requirement Analysis and Solution Approach for the project.
- Worked with Database team on designing
- Worked extensively with initial requirement gathering and analysis team
- Worked in designing a product user interface for web application using MVC
- Wrote stored procedures, user defined functions, and views
- Generated SSRS Reports
- Team Lead for the team
- Involved in code review.

**Environment**

SQL Server 2005, SSRS, SQL Management Studio, Visual Studio 2005.

**IndusCorp, Bangalore, India  
Pattern recognition  
Developer****Dec 2007 – Dec 2008**

Pattern recognition from images: The Goal of this POC project was to develop a solution for recognizing and searching complex patterns and characters of various languages. Though there are many applications for OCR and character analyzing, recognizing languages including Sanskrit and Hindi was still a difficult issue. This POC project helps a user to

search any letter or words from thousands of images. Not including other character recognition methods, this solution uses neural networks to identify a pattern or a part of image with the input data.

**Responsibilities**

- Idea of approaching this for a better pattern recognition was accepted by team and it was developed for POC
- Worked with the team from Initial Research through POC Development
- Contributed for designing basic logic for the project
- Developed Image Analyzing functionality to find the Lines and Words in an Image Document
- Developed Image Splitting and cropping functionality
- Worked in designing a product user interface for web application
- Wrote stored procedures, user defined functions,

**Environment**

Visual Studio 2005

**IndusCorp, Bangalore, India**  
**Corporate Portal**  
**Developer**

**Jan 2007 – Dec 2007**

A corporate website which provides information including Solutions, Contract Vehicles, Careers, News of INDUS Corporation. This is also a single entry point for all their partners, vendors and employees to do their respective work. The website manages various administrator modules including Requisition System, Teaming Partner Management, and Dynamic Content Management for updating news and events.

**Responsibilities**

- Worked with requirement and analysis team
- Wrote SQL Queries, stored procedures
- Designed web pages using Visual Studio, .Net, JavaScript
- Worked with Database team on designing
- Worked in designing a product user interface for web application
- Wrote stored procedures, user defined functions, and views

**Environment**

SQL Server 2005, SSRS, SQL Management Studio, Visual Studio 2005