

Vivekanandhan Perumal
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PROFESSIONAL SUMMARY

- More than **5** Years of experience in Designing, Coding, Testing and supporting .Net software.
- Expertise in .Net framework and C#.
- Core knowledge in Silverlight, WPF, XAML, WCF, LINQ, ASP.NET.
- Expertise working with Software Development Life Cycle (SDLC).
- Expertise working with TFS, CM Synergy and Team Forge using Tortoise SVN, Github.
- Expertise in custom control development in Silverlight and WPF technologies for product development.
- Extensively followed agile methodology and Scrum process for software development.
- Worked as a Software Engineer, Software programmer and Developer for the Distributed Applications.
- Strong analytical skills with proficiency in debugging and problem solving.
- Experience working with different Windows Operating Systems.
- Architected, designed and developed complex software on time with best performance and scalability for customers
- Avid and passionate programmer always staying current with latest trends in .Net world.

DETAILED TECHNICAL SKILLS

Technologies	Silverlight, XAML, WPF, WCF, ASP.NET, HTML5, CSS3, ADO.NET, JavaScript, JQuery, Java, OpenGL
Framework	.Net 2.0/3.5/4.0
Language	C# 2.0/4.0
Version Control Tool	SVN, Team Foundation Server, CM Synergy, Github
Hosting Server	IIS6/7 (Internet Information Server), GoDaddy
Environmental Tool	Visual Studio 2012, Visual Studio 2010, Eclipse
Management Tool	TeamForge, ALM, Change Synergy
Database	SQL Server 2008
Operating System	Windows XP, Vista, Windows7 & 8
Third Party Tool	Telerik, Actipro, Clickatell (SMS Messaging), OpenTK, Libgdx, VCG Library

CREDENTIALS

- Microsoft certified Professional (MCP)
- **Awarded Star of Month** for delivering the defects and enhancements in time for Home Desktop.

PROFESSIONAL EXPERIENCE

- Oct 2013 – Present – Part time Software Programmer – Centennial college, Toronto, Canada
- Aug 2011 – April 2013 – Software Engineer – CSC India Pvt Ltd, India.
- June 2008 – July 2011 – Software Engineer – Jeevan Technologies India Pvt. Ltd, India

EDUCATIONAL SUMMARY

Centennial College, Toronto
Software Engineering Technology (Summer 2014 Term Break)

Anna University, Chennai
B.E., Computer Science and Engineering, St.Peter's Engineering College

PROJECTS

Centennial College **Oct 2013 – Present**

Software Programmer, Toronto

I am developing and supporting a windows based mesh processing software for PodoTech. The software requires to process the large point clouds which is including sampling, reconstruction and render the mesh. I am developing 3D Mesh processing software system using C#, WPF and OpenGL for render the 3D models, and C++/VCG library for reading the point cloud, sampling, reconstruction and exporting as STL model. I am using my core technologies such as C#, WPF, XAML, LINQ and OpenTK. Those skillsets were required to perform these development duties as well as training in Core .Net development.

I developed and supported a web based software for Synergy Tech. The Client Satisfaction Survey (CSS) can help a Health Service Provider (HSP) involving the Patient to participate in the improvement of quality of care, evaluate healthcare provider performance and pinpoint areas for improvement. I used my core expertise on technologies such as ASP.NET, C#, HTML, CSS, SQL Server Management and IIS. I learned to use Godaddy for website hosting and Clickatell for SMS messaging as part of job duties.

Roles and Responsibilities:

- Analyze Business requirements and design the technical approaches.
- Prepare technical design requirements for requirements specified.
- Implementing the user interface using ASP.NET and WPF.
- Involved in coding & creating test driven application using C#.
- Test applications developed and write test cases for load testing, unit testing, integration testing and performance testing.
- Involved with design team and client calls to validate the requirements.
- Architected, designed and developed the software with best performance and scalability for customers,
- Involved in Full life-cycle of the project from requirements gathering, design & development.
- Used OpenTk, VCG Library, Clickatell as part of application development.

Skills Gained/Used:

ASP.NET, LINQ, C#, JavaScript, HTML, CSS, WPF, OpenGL, SQL, PL-SQL, C++.

Tools Used:

Visual Studio 2012, SQL Server 2012, IIS, Clickatell, GoDaddy, VCG Library.

CSC India **Aug 2011 – Apr 2013**

Software Engineer, Chennai

I developed and supported a web based .net application called Lorenzo for NHS. I developed custom controls to provide different features to different products. The product team build the Healthcare product which enables healthcare providers to manage their processes, at the same time giving secure authorized access to patient information to those who need it, anywhere and at any time. I used my core expertise on technologies such as C#, Silverlight, XAML, ASP.NET, HTML, CSS, LINQ, and JavaScript. The certifications such as Microsoft Certified Professional were required to perform these development duties as well as training in Core .Net Development.

Roles and Responsibilities:

- Analyze Business requirements and design the technical approaches to coding and testing.
- Developed complex Silverlight and ASP.Net custom controls.
- Prepare technical design requirements for requirements specified.

- Analyze and fix production tickets raised by the software users.
- Implementing the user interface using XAML.
- Involved in coding & creating test driven application using C#.
- Test applications developed and write test cases for load testing, unit testing, integration testing and performance testing.
- Involved with design team and client calls to validate the requirements.
- Handled build activities in development sprints.
- Involved in Full life-cycle of the project from requirements gathering, design & development.

Skills Gained/Used:

ASP.NET, LINQ, C#, JavaScript, HTML, CSS, Silverlight, XAML, SQL, PL-SQL.

Tools Used:

Visual Studio 2010, SQL Server 2008, IIS, CM Synergy, ALM.

Jeevan Technologies

Jun 2008 – July 2011

Software Engineer, Chennai

I developed and supported a .net windows application for Vision Software. The requirement is that create an application that will store user tracks, uploads and downloads assets from application, and able to create an image or any other digital representation of a product. User has option for upload textures, colors, keyword for every order. The uploaded files and details will be send and receive through secured data services. I used my core expertise on technologies such as C#, WPF, WCF as part of application development.

I developed and supported a web based application for Holland Square. The requirement is provide the interface for admin activities such as Search, View, Confirm transactions, Fleet and User managements. It is also used for Activate / Deactivate Capture Anyware application in any of the devices. Back end processes are non-interface processes used for communicate between device and portal. It comprises of web portal, windows services and other supporting back end applications. Services are used to receiving and sending the confirmations to the device and disassembling the transactions which is received from devices. I used my core expertise on technologies such as ASP.NET, C#, WCF, HTML, CSS, SQL and PL-SQL as part of application development.

Roles and Responsibilities:

- Analyze Business requirements from users.
- Designed and developed using ASP.NET, WPF and WCF.
- Test applications developed and write test cases for load testing, unit testing, integration testing and performance testing.
- Support application enhancements, bug fixes, and user customization requests.
- Research third party components to customize the libraries for application requirements.
- Proactively interacting and understanding the requirements of the customer and validating them.
- Implemented User Interface using XAML, HTML.
- Involved in coding and creating event driven application using C#.
- Involved in the support and maintenance of the application during production phase

Skills Gained/Used:

ASP.NET, C#, JavaScript, HTML, CSS, WPF, XAML, SQL, PL-SQL.

Tools Used:

Visual Studio 2010 & 2008, SQL Server 2008, IIS, Team Forge using SVN.