

SANTHOSH V S

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SENIOR ENGINEER

Highly-Skilled Software development professional bringing in 11+ years in design, Development and Integration using .Net framework. Experienced technical Lead specialized as a full stack Web application development cycle. Advanced knowledge in C#, vb.net, MVC, SQL Server, JavaScript and jQuery.

PROFESSIONAL PROFILE

Senior engineer with around 11+ Years of experience in .NET technologies.

Areas of proficiency:

- Proficient in object-oriented development.
- Proficient in .NET technologies-based application design and development.
- Experience in Client-Side Validation using JavaScript, jQuery.
- Experience in **ASP.NET MVC**, .NET Framework, C#, Windows application, ASP.NET WebForms, **ASP.NET Web API**.
- Experience with MVC architecture.
- Open and Adaptable to changing business and technology requirement
- Experience in configuration tools **SVN, GIT/BIT bucket, Jira**
- Experienced and trained in project management on Agile Methodologies
- **Architected and lead the PRR project**
- **Lead the Tracker project** (Conversion from VB to VB.Net migration)
- SME for the tracker project.
- Knowledge in **Angular Framework** and **AWS Associate practitioner**.
- Team Building, Strategic/Tactical Planning, Problem solving, Good Communication and Interpretation skills

Key Skills:

- **Technologies:** .NET 4.5, ASP, Asp.Net Web Forms, Asp.net MVC 5, Asp.net WebAPI, ADO.Net, Entity Framework 5.0/6.0.
- **Databases:** Microsoft SQL Server 2008/2012/2018.
- **Languages:** C#, XML, VB.Net, VB6.
- **Scripting Language:** JavaScript, jQuery, AJAX.
- **Configuration tool:** SVN, GIT/Bitbucket, Jira
- **Design Patterns:** Singleton Pattern, MVC
- **Cloud Technologies :** AWS, Azure

Education:

Masters of Computer application (MCA) from VEC, Anna University Tamil Nadu.

BSc Computer Science from SRM Arts & Science College, Tamil Nadu

Work Experience:

- Intern in **Unisys Global Services India** from December 2007 to June 2008
- Worked as Full time Employee of **Unisys Global Services India** from September 2008 to March 2020.

Projects**#1: PRR (Product Release record)**

The Web application intended to provide a complete product life cycle and release management system that automates the processes and eliminates the manual process. The portal has a dashboard, reporting, forms, listing, SharePoint connectivity to store the artifacts, Document generations (PDF/Word).

Role:

Architect and Lead Engineer

Responsibilities:

- Gathered and defined customer requirements to develop clear specifications for project plans.
- Evaluated project requirements and specifications and developed software applications that surpassed client expectations.
- Managed development milestones from initial steps through final delivery.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Delivered performance-driven and user-centric websites that met all business requirements.
- Reviewed code, debugged problems and corrected issues.
- Took initial concepts and developed project plans.
- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Maintained existing applications and designed and delivered new applications.
- Recognized [issues in updating the database on daily basis and](#) applied automation to update the DB on regular intervals.
- Created and implemented database designs and data models.
- Built databases and table structures and written Stored procedures, views, triggers for web applications.
- Partnered with team members, including [designers](#) and [singularity teams](#) to minimize project delays.
- Completed full redesigns of existing websites to improve navigation, enhance visuals

- Planned and engineered RESTful web services to manipulate dynamic datasets.
- Trained and supervised team members for ongoing projects.
- Developed landing pages, dashboards and online applications using [HTML](#), [HTML Helpers](#) and [jQuery/JavaScript and AJAX client side](#) scripting.
- Collaborated with in-house web designers to create sleek and innovative UI design.
- Took concepts and produced design mock-ups and prototypes to strengthen designs, enhance user experiences and improve site interactions.
- Employed coding practices based on commonly accepted standards to establish site layout and user interface.
- Designed and executed security measures such as firewalls and encryption.

Technologies:

C#, .Net 4.5, Asp.net MVC 5, HTML, CSS, WebAPI, Entity framework MS SharePoint

Source Control:

GIT/bitbucket

Tools:

Visual Studio 2019, SQL Server, MS Access, Windows Scheduler, Jira, Jenkins, Katalon Studio (test case automation)

#2: DMS UI Application (DMS)

Windows application that connects to the Unisys Server using the primus System. The application was written in vb3 and then migrated to vb5 and to vb6. The application had around 12 third party controls written in a non-native code and a huge cost was involved in renewing the licenses. The application was upgraded to .Net from VB6 and removed most of the third-party controls and used the Native compatible controls and the .net components itself.

WinForms Application: Application acts as a user interface for the EPAS. Using various stages of process. It is also holding the information of Unisys products life cycle. With the help of Primus system, the epas system acts as a supporting system.

Role:

Migration specialist, Developer Full stack

Responsibilities:

- Research on the .net components or third party native components compatibility for the replacement for the old controls
- Using visual studio 2008 using upgrade wizard, upgrade from vb6 to VB.Net
- Eliminate the incompatible controls and replacing the new controls and rewriting the code.
- Written test cases for each functionality and run the test cases during each release.
- SVN migration - The code is stored in VSS and moved to SVN
- SME for the tracker application
- Training and Induction sessions for the new joiners.
- Tracker version upgrade and installation

- Responsible for Release and org whitelisting of the application.
- Enhancements and maintenance /support

Technologies:

VB6, VB.net, .Net 4.0 framework, MS SQL Server, MS access, Wise (Windows installer)

Source Control:

VSS, SVN

Tools:

Visual Studio 2012/2015/2017, MS SQL Server 2008, Tortoise SVN

#3 Wise/WIX Installer: (Tracker dependency)

windows installer XML is a tool to create windows application installers. WIX was used to create the Tracker Application installer. The installer script was created from Wise which has become obsolete.

Role:

Developer and support

Responsibilities:

- Research on various installers and finalized WIX
- Analyzed the Wise script and decoded the script.
- Used various features in WIX to develop the script for the tracker installer.
- Testing the script and written testcases.

Technologies:

C#, XML, Command

Tools:

Visual Studio, WIX

#4 DMS Migration Utilities:

The tracker utilities are the various applications that support the epas application on various release processes. These utilities are migrated from vb to vb.net and some of them were automated.

Role:

Developer and support

Responsibilities:

- Research on the .net components or third-party native components compatibility for the replacement for the old controls
- Using visual studio 2008 using upgrade wizard, upgrade from vb6 to VB.Net
- Eliminate the incompatible controls and replacing the new controls and rewriting the code.
- Written test cases for each functionality and run the test cases during each release.
- Enhancements and maintenance /support

Technologies:

VB6, VB.net, .Net 4.0 framework, MS SQL Server, MS access, Wise (Windows installer)

Source Control:

VSS, SVN

Tools:

Visual Studio 2012/2015/2019, MS SQL Server 2008, Tortoise SVN

#5. Webops / GEM:

Webops is an engineering metrics application for the Unisys Engineering services. Every month the application will collect the data from the primus Engineering database and the GEM reports will be sent to the respective managers.

Role:

Developer and enhancements

Responsibilities:

- Gather requirements and enhancements to the existing application
- Execute the requirements and testing
- Create installer for the webops and deploy in central repository.

Technologies:

VB scripts, Excel Macro

Source Control:

SVN

Tools:

VBA, MS access

#6. Unibytes (Technology Org Internal Magazine):

Unibytes is an Internal magazine that walks you through various organizational updates, quiz, Photos, games etc. The web application was designed and developed by me and the reporting is done by a group of members from other divisions.

Role:

Designed and Developed and Admin

Responsibilities:

- Gather information and enhancements to the existing application
- Execute the requirements and testing
- Year on year Design change.
- DB manager

Technologies:

ASP.Net, c#, SQL Server 2008, MS Excel, JavaScript, Ajax

#7: Webupdate (Web Application)

Webupdate is a web-based application that was written in ColdFusion and SQL Server. The Application has to be converted to .net using asp.net web forms technology. My Role is to analyse the ColdFusion pages and come up with the enhanced application rewritten in vb.net and ASP.net of framework 4.0. The application holds the information on the company's product and their specifications where the users can perform various action to update their products.

Role:

Developer

Responsibilities:

- Analyze the ColdFusion pages and design/rewrite using .net
- Design and code using asp.net and vb.net and ADO.net
- Update the Database tables according to the new enhancement provided by the client.
- Testing the application and deploy into the production system.
- Responsible for having the version control using the Visual source safe

Technologies:

ASP.Net, .Net framework 2.0/4.0, SQL Server 2008, ColdFusion.

Tools:

Visual Studio 2010, Visual Source Safe 6.0, SSMS

#8: System Information (Web Application)

System Information is a web-based application that was written in ColdFusion and SQL Server. The Application has to be converted to .net using asp.net web forms technology. My Role is to analyse the ColdFusion pages and come up with the enhanced application rewritten in vb.net and ASP.net of framework 4.0. The application holds the information on the company's product and their specifications where the users can perform various action to update their products.

Role:

Developer

Responsibilities:

- Analyze the ColdFusion pages and design/rewrite using .net
- Design and code using asp.net and vb.net and ADO.net
- Update the Database tables according to the new enhancement provided by the client.
- Testing the application and deploy into the production system.
- Responsible for having the version control using the Visual source safe

Technologies:

ASP.Net, .Net framework 2.0/4.0, SQL Server 2008, ColdFusion.

Tools:

Visual Studio 2010, Visual Source Safe 6.0, SSMS

Awards:

- Silver Award for the year 2019 for the best performer
- Best team award 2011 for Unibytes
- Award for Unilight Paper presentation contest 2011

- Award for Hosting Unilight Team Stall Event 2012
- Spot award for R&D on Wix Installer and Recommendations to the teams 2016
- Spot award for R&D on 3rd party controls and implementations of customized charts 2015