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Over all 15+ years of diverse Professional experience in IT with all phases Of Software Development Life Cycle process (SDLC) involving, analysis, design, Implementation, development, deployment & testing of Web-based, Windows based & Client/Server applications using Microsoft .NET. Also have experience in client management, product development & Support and team management.

- * In depth knowledge of Microsoft .NET 4.5/4.0/3.5/3.0/2.0 with special emphasis on the areas of designing, developing, delivering and maintaining high end Web & Windows based applications projects for the vertical business domain areas such as Industrial Automation, Medical Electronics, Hospital and Health Care, Compliance & risk management.

- * Highly interested to be involved in fast-paced and high productivity environment where impact can be made both as a Technical Specialist and Technical Architect.

- * Involved in all phases of Software Development Life Cycle like management, analysis, feasibility, design, coding, testing, implementation, maintenance and support.

- * Well experienced in designing and implementing complex, high performance and scalable distributed object-oriented applications with full-fledged Reports, Forms, .NET Server Controls, Web User Controls, Data Grid Control, Form Validation Controls, Custom Controls, Maintenance Screens etc.

- * Experienced Professional in architecture, design & development using .NET technologies including ASP.NET, C#, WCF, AJAX, JSON, XSD, XML, XSLT, HTML, CSS, JavaScript, JQuery.

- * Excellent experience in Service Oriented Architecture (SOA), WCF/.NET Web Services (SOAP, WSDL, XML), Web API, Restful Web services, .NET Remoting etc.

- * Thorough experience in N-tier application development, Design Patterns, Objected Oriented Analysis Design (OOAD) and Development.

- * Over 6 years' experience in managing the AGILE software projects on the capacity of being a .NET Technical Specialist & Architect. Worked on enterprise solutions development with rapid SDLC development using RUP and Waterfall development methodologies.

- * Hands on experience in performing Code Analysis, Test Automation, Unit Testing and Integration Testing.

- * Skilled in designing the applications using UML diagrams like Use case diagrams, Class diagrams, Collaboration diagrams, Structural and Interaction diagrams etc.

- * Prepared and reviewed various artefacts such as Test plans, Software specifications, Requirement documents and Design documents.

- * Good experience in developing and consuming Web Services using WCF, REST API and Web API

- * Strong skills in database (RDBMS) designing and database programming object sets using Entity Framework, ADO.NET and LINQ.

- * Excellent working knowledge of SQL Server Integration Services.

- * Experience in development using Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF) in .Net Framework 4.0/3.5/3.0, MSMQ, XAML and Language Integrated Query (LINQ) in .Net Framework 3.5 and Web APIs/services.

- * Expertise in source code management tools such as Visual SourceSafe (VSS), Team Foundation Server 2008/2010/2013 (TFS), Rational clear case.

- * Expert level skill of RDBMS concepts, writing T-SQL queries, stored procedures, Triggers, Functions, views, indexing, database backup and restore.

- * Managing a diverse team of up to 15 resources including developers, Analyst and Tester

- * Self-motivated, good team member with excellent analytical, communication & problem-solving skills with ability to work independently as well as in a team.

- * Strong Expertise in project planning, strategic planning, system analysis and troubleshooting, quality control, forecasting, requirement capturing and change analysis. Proven track records for handling the crisis situations.
- * Effective in planning and improving processes.
- * Ability to lead and manage a team by example, training and motivate them to achieve desired business objectives
- * Excellent communication and delivery management skills

Requirement Analysis, Architecture Designing, Software Designing, Software Implementation, Unit Testing & Documentation

Development Methodology Scrum based agile development methodology, Waterfall development

Others Rustici SCORM framework Integration, NServiceBus

Willing to relocate: Anywhere

WORK EXPERIENCE

Lead .Net Developer

Freeman - Dallas, TX - 2017-02 - Present

Project: Passport (Feb 2017 to Nov 2017)

Environment: Visual Studio 2017, Dot Net Framework 4.5, C#.net, MVC, SQL Server 2012, Team Foundation Server, Git, Windows Services, WCF services, JavaScript, Knockout JS, NServiceBus, AppDynamics

PassPort is a web-based tools and apps that simplify the planning and management of show, program, or exhibit space from start to finish. A new show can be created in legacy total show system and it will be imported in Passport through integration services periodically. Account executes can create various types of show like Opportunity, Booked show, internal show. Customer can order various products & services for the show. The design parts can be collaborated and routed through pre-defined approval workflow. PassPort includes various personal dashboards & shared workspaces for various types of users like customer, resources; resource managers & account executes. Vendor management includes vendor information, vendor users & permissions and parts import in the system. Enhanced reporting and real-time budget tracking, with easy access to data for you and your partners.

Responsibilities:

- Designed and coded ASP.NET-MVC based views using JavaScript, JSON, Bootstrap and Knockout JS.
- Designed and developed API Controllers and services based on ASP.NET-MVC, C#.Net, SQL Server 2012 etc.
- Designed and developed Entity Framework Models and Repositories to add, edit & delete objects.
- Analysed enterprise architecture expanding to multiple application and integrated through WCF services & service bus implemented using NServiceBus.
- Analysed & Fixed integration bugs related to MSMQ based service bus NServiceBus including request failures, queue failures, response failures.
- Closely monitored web site performance, individual function performance & production servers
- performances including memory utilization, resource utilization, hardware performance etc. using AppDynamics and provided recommendation to resolve the issues.
- Implemented extension SQL monitoring for AppDynamics on Machine Agents to execute an SQL statement on regular interval to check the health of system and generate warning & alert notification emails for production support team.
- Analysed integration ETL SQL Server SSIS Packages for production data synchronization failures and solutions to resolve transaction & locking issues between different application databases.
- Participated in Backlog Grooming, Sprint Planning Daily Scrum and Retrospective meetings
- Monitor production support queue and provided data & application hot fixes for P1 support issues
- Designed & developed extensive business functions in SQL stored procedures

- Implemented tech-debt stories to improve application performance
- Daily Offshore query resolution & co-ordination

Lead .Net Developer

Terumo BCT Inc - 2015-12 - 2017-01

Lead .Net Developer

Terumo BCT Inc - 2015-12 - 2017-01

Environment: Visual Studio 2013, Dot Net Framework 4.5, C#.net, SQL Server 2008, Windows Services, Web API 2.0, Angular JS 2.0, Mongo DB

Send It Home Loader is a service component part of larger Cadence software implementation. Cadence Software application connects to various medical devices on customer network to these devices and read transaction history from binary log files periodically. Send It Home Loader is one of the components in component based Cadence Software, it uploads log files to Terumo BCT network on regular interval. Send It Home Loader consists of three components a loader service on client network, a Web API on Terumo BCT outside firewall and an App service to download file on Terumo BCT inside firewall. Send It Home Loader is designed to support concurrent file transfer each up-to 500 MB in size. Each component in loader handles communication loss gracefully and resend file again when communication re-establish. System includes a rich UI Web application display log file in graphical representation.

Responsibilities:

- Designed SOA architecture to transport dlogs files from customer sites to Terumo BCT using various Services communicating using WCF.
- Developed a POC C# application to upload concurrent 500 MB files and WEB API deployed on web server to download the file and led by example
- Designed & developed Send It Home Loader & Application Windows Services using Visual Studio 2013, C#.Net, Dot Net Framework 4.5 etc. Log files metadata is stored in Mongo db.
- Designed & developed Web API using SOLID/OOP principals & C# exposing http methods to upload file.
- Collaborate with developers, QA, product owner and scrum master to analyse product backlogs and produce high quality software changes
- Developed high-quality code & established development standards
- Designed & developed various reports showing file transfer progress and graphical & tabular formats using Angular JS 2.0.
- Implemented CRC check for files that were transferred over Web API and from Web Service Component to Application Service inside company network
- Wrote Unit test cases and automated Unit Tests using Microsoft Test Framework
- Developed technical documentation including design specifications with design diagrams like component diagrams, activity diagrams & sequence diagrams etc.
- Team consists of 4 developers and 5 testers.
- Prepared the Web installer (MSI packages) for automated release and deployment for production server.
- Performed Scrum Master role and facilitated Sprint Planning, Backlog Grooming, Daily Scrum Status and Retrospective meetings.

SmartSolve designer

Pilgrim Quality Solutions Inc - 2013-01 - 2015-12

solutions (Jan 2013 to Dec 2015)

Environment: Visual Studio 2013, Dot Net Framework 4.5, SQL Server 2008, C#.net, Vb.Net, WCF JavaScript, AJAX, SSIS, Ajax, Json, JQuery, AngularJS 2.0, Rustici SCORM Framework, Web Application & Supporting Web Services, Windows Services, Restful web service

Pilgrim pioneered in quality management software solutions in life sciences domain. SmartSolve is an enterprise risk, compliance and integrated Quality Management solutions provide a robust framework for deploying corporate business solutions for compliance and process improvement. SmartSolve is a web application to simplify organization core compliance processes. SmartSolve includes document management, Corrective & preventive actions management, complaint management, user training management. SmartSolve regulatory reporting allows users to submit complaints to FDA manually or through e-submission and manage acknowledgements and follow-up actions. The SmartSolve training module is integrated to Rustici SCORM for better training experience. SmartSolve designer suite allows design new business applications, and workflow process management and helps manage on-going enhancement and maintenance. Designer suite provides the ability to create new applications or redesign existing 'Best Practices' out-of-the-box forms. The designer suite includes entity designer, forms designer & workflow designer. SmartSolve does support SAAS deployment. The SmartSolve includes supporting tools to support application migration, data migration & data synchronization locally as well as over the internet.

Responsibilities:

- Mentored team member on design architecture, best practices, creating prototypes and coding standards.
- Reviewed design and code from other developers, involved actively in database tuning and maintenance for an optimal performance, implemented and exercised processes in software development life cycle.
- Designed & Developed business layer entities using SOLID/OOP principals & C# in SmartSolve framework shared across different modules in the application.
- Designed & Developed data access layer using SOLID/OOP principals & C# in SmartSolve framework.
- Designed & developed document management module using C#. The module includes document review, release, approvals and document primary & secondary content management
- Created and Consumed XML based Web Services using OOP principals & C# and exposed them through SOAP and HTTP for Synchronization
- Developed & consumed JSON based Restful Web Services using OOP principals & C# and exposed them through HTTP for Audit Mobile App
- Deployment of the application on test server for testing.
- Testing and maintenance of the application.
- Writing Unit test cases and automating testing using Microsoft Test Framework
- Controlling change configurations of the application using version control system
- Involved in Production support and Troubleshooting of the existing Systems.
- Coordinated with on-site team on weekly status.
- Provided production support to the clients.
- Handled code moves from lower environment to Production environment.
- Transition, Maintenance and Production support of the deployed applications.
- Managing, Monitoring and reviewing the offshore development team with good productivity.
- Team consists of 8 developers and 6 testers.

Senior .Net Developer

Pilgrim Quality Solutions Inc - 2010-01 - 2015-12

SmartSolve Designer Suite

Pilgrim Quality Solutions Inc - 2010-01 - 2012-12

Environment: Visual Studio 2013, Dot Net Framework 4.5, SQL Server 2008, C#.net, Vb.Net, WCF JavaScript, AJAX, SSIS, Ajax, JSON, JQUERY, Web Application, Web Services, Windows Services

SmartSolve designer suite is a web application includes modules allow design entities, forms & workflow. Organizations can design their own solutions without software development team; it helps organizations manage on-going enhancement and maintenance. Designer suite provides 'Best Practices' out-of-the-box

solutions for complaint, CAPA, audit etc. The designer suite includes entity designer, forms designer & workflow designer. The forms designer is a user interface designer tool. The tool provides toolbox with control to draw canvas and then render controls which are tied to entity fields. The entity designer is a database entity designer tool. It allows define field level validations, link entities parent-child etc. The workflow designer includes persistent workflow, non-persistent workflow, phases, tasks, actions and notifications etc. SmartSolve is available on SAAS platform. The SmartSolve includes supporting tools for application migration, data migration & data synchronization locally as well as over the internet.

Responsibilities:

- Involved in requirement study, analysis, design architecture, development and Unit testing.
- Designed & developed pilgrim designer suite tools entity designer, forms designer & workflow designer using C#.
- Designed & developed synchronization application to import/synchronize entities from staging database into SmartSolve System using OOP principals & C#.
- Designed & developed a migration application to migrate entity/workflow/forms & data from one SmartSolve database into another using OOP principals & C#.
- Implemented Web Application business layer using C# and backend database (SQL Server \ Oracle Server).
- Developed various tables, stored procedures, constraints, indexes & views for SQL Server and Oracle databases using PL/SQL.
- Implemented Microsoft Data Application Block as well as Microsoft Exception Handling Block in SmartSolve.
- Used SSIS (SQL Server Integration Services) for implementation custom migration solutions with existing customer systems.
- Worked extensively in the migration process using SSIS jobs.
- Wrote design specification & user guide for various utilities like Synchronization utility, Migration Utility etc.
- Writing Unit test cases and automating testing using Microsoft Test Framework
- Team consists of 4 developers and 4 testers.
- Continuous integration of Build using TFS and Team City
- Transition, Maintenance and Production support of the deployed applications.
- Managing, Monitoring and reviewing the offshore development team with good productivity.

Senior .Net Developer

Infusion Systems, California - 2008-07 - 2009-12

It allows physician

Infusion Systems, California - 2008-07 - 2009-12

Project: Clinician Programmer System (July 2008 - Dec 2009)

Environment: Visual Studio 2008, C#.net, WCF, SQL Server 2005, WinForms, Crystal Reports

Infusion Systems is developing a pain management product called Medallion pump is an implantable device. The medallion pump system consists of Clinician Programmer (CP), Implantable Drug Pump (IDP), and optional Patient Remote (PR). The Clinician programmer software (CPS) resides on the Clinician programmer a Toshiba tablet with windows vista installed on it. The clinician programmer System is the user interface for the medallion pump. Clinician programmer is used to program the medallion pump implanted in patient's body. It allows physician to configure the IDP for the implantation. Physician can use the programmer to change the drug delivery rates & concentration in the pump, configure pump for refill etc. CPS is used to prime the pump, setting the detox, start/stop delivery, perform auto-bridge, setting the physician bolus etc. CPS communicates with the IDP using radio frequency communication module (PIM). The clinician programmer consists a communication service which interacts with the drug pump using RF communication. The clinician programmer user interface client sends read & write requests to pump using WCF contract published by

the communication service. The CP maintains programming history in the database and provides reports for clinician records.

Responsibilities:

- Developed Winforms applications using C# to manage Medallion pump an implantable device
- Interacted extensively with the Product Manager and domain experts to understand and analyse Software Requirements.
- Played a prominent role in transforming the Business Requirements into Functional Features.
- Participated in Data modelling and Data conversion process.
- Involved in designing, writing functional specification, System Design Documents and proof of concepts.
- Designed & developed System Information screen using C# with graphical table displaying details in list.
- Designed & developed business layer to read and write procedures using C# including up to three retries to connect to pump and then initiate read/write operation.
- Used Windows Communication Foundation (WCF) using C# to implement communication services with medallion pump.
- Designed & developed various reports using crystal reports to view pump changes transaction history
- Team consists of 4 developers and 5 testers.
- Used VSS for source control and Waterfall development methodology
- Closely monitor System performance issues and provide recommendation as necessary for code refactoring

Senior .Net Developer

Trane - Saint Paul, MN - 2003-11 - 2008-06

Project: Tracer Enterprise Server Continuation (Mar 2006 to Jun 2008)

Environment: C#.net, ASP.NET, HTML, Java script, C++, SQL Server 2000, Windows 2000 Server, Trane Building Automation Devices

Tracer Enterprise continuation is an enhancements project. The enhancements include new modules & improvement in existing modules. The new graphical user interface for the scheduling module, new security features for user management and custom graphics to improve the user interface. The schedule enhancement includes create new temporary schedule and assign that to multiple master schedules. The schedules are downloaded to the panels every week. Custom graphs for more user friendly and robust user interface. The TES upgraded to support internationalization and multiple language support. The TES Server tested and certified for French culture.

Responsibilities:

- Added support for new languages and applied globalization\localization changes in TES
- Added customization in Scheduling to support new temporary schedules
- Reviewed & analysed customer change requests and provide new releases on time with new enhancements
- Added support for new custom graphics for new design models
- Created technical UML modelling with design diagrams such as activity diagrams, class diagrams, sequence diagrams etc.
- Involved in implementing Microsoft Model View Controller Design Pattern.
- Reviewed code changes and prepared builds for QA verifications and regression testing
- Interacted with users, wrote technical specification documents, created, modified and fine-tuned database Stored Procedures
- Transition, Maintenance and Production support of the deployed applications.
- Managing, Monitoring and reviewing the offshore development team with good productivity.

User management

Trane - 2003-11 - 2006-02

Building Automation Devices

TES is enterprise operational and energy management solutions for customers with operations encompassing multiple facilities. TES is a software application for management of HVAC systems in multiple buildings from a centralized location while being accessible via the Intranet. TES is a server based application that connects to various types of building systems and provides the ability to accumulate and analyse energy information, to operate sites both individually and globally, and to summarize maintenance information such as event logs. Communications between the server and buildings is via IP using the BACnet protocol. TES includes a windows service a communication engine and web application and utility applications to support custom graphs and maintenance activities. The communication engine performs all the programming on the panels and performs scheduled activities such as data collection & scheduling. Web application includes User management, Site Management, Data collection, Scheduling, Alarms and System configurations. It allows add new site in the system using site management and discover the physical site/panels available on the network and synchronizes all the objects. It allows manage the site/panel once it is discovered in the system, schedule activities, configure data points for the data collection, configure the TES alarms against panel alarms and perform various maintenance activities using Web user interface.

Responsibilities:

- Involved in full software development life cycle for analysis, design, development, documentation, and testing for project and deliverables.
- Created sophisticated, efficient web based solutions of an enterprise scale for HVAC system management
- Designed & developed site discovery module including remoting service calls to data manager and initiating site discovery process.
- Designed & developed Data collection and Scheduling modules.
- Implemented data collection charting using third part chart control. The data collection view table & graph supported million+ data view.
- Created technical UML modelling with design diagrams such as activity diagrams, class diagrams, sequence diagrams etc.
- Developed .Net remoting service to retrieve data from HVAC devices
- Created data access layer to communicate with the SQL Server 2005 and T-SQL (Stored Procedures, Replication, Index, Functions, SQL scripts , SQL injection , DTS packages, triggers, Updated tables, Created Views, cursors, tables, views).
- Wrote Design Documents like Component description, Design specification, various design diagrams etc.

Senior Software Engineer

AtCom Technologies Ltd - Mumbai, Maharashtra - 2003-05 - 2003-10

Environment: C#.NET, VB.NET, SQL Server 2000, Crystal Report 8.0

Responsibilities:

- Analyse functional requirements & Preparing Specifications
- Software & database design
- Implement Software requirements and Unit Testing
- Write software design specification

System Officer

PPL India - Ahmedabad, Gujarat - 2001-02 - 2002-06

Environment: VB 6.0, Oracle 8i, Crystal Report 8.0

Responsibilities:

- Analyse functional requirements
- Software & database design

- Implement Software requirements and Unit Testing

EDUCATION

Bachelor of Engineering in Instrumentation & Control

Govt. Engineering College Gandhinagar, Gujarat University - Gandhinagar, Gujarat
1998-07

Post Graduate Diploma in Information Technology

GLSIIT under Gujarat University

SKILLS

C#, MS SQL SERVER, SQL, SQL SERVER, .NET

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Domain Knowledge Medical electronics, life sciences, Industrial Automation

Microsoft Technologies .NET Framework 4.5, 4.0, 3.5, 3.0, 2.0

Web Technologies ASP.NET, MVC, REST API, WCF, Web API 2.0, Ajax, AJAX Control Toolkit, Telerik Controls, HTML, CSS

Language C#.Net, Vb.Net, WPF, PL/SQL, Vb 6.0, T- SQL, C

Tools\Packages Microsoft Visual Studio 2008\2010\2013\2015\2017, SSIS

Databases SQL Server 2012, 2008, 2005, Oracle 11i, MS Access

Date Access & ORM ADO.NET, Entity Framework 4.1, LINQ

Scripting JavaScript, jQuery, Knockout JS, AngularJS 2.0

.Net Data Visualization Dundas Charts

Version Control tools Team Foundation Server, GIT, Rational ClearCase, Microsoft Visual Source Safe, Borland StarTeam