**HARISH Kumar N**

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**513-680-6859.**

**Experience Summary:**

* **10+years**of IT experience in **Software Analysis, Design, Development, Implementation, Testing and Supporting distributed Client/Server** and **web based business solutions.**
* Extensive experience in creating rich content **Web-Forms, Win-Forms (Windows Forms), Web User Controls, Custom Control, Windows Service and Web Service**.
* Expertise in ASP.NET **MVC 4** with Razor view engine.
* Experience in design and implementation of services using REST, **WCF** platform, Creating REST services using **ASP.NET Web API**.
* Good experience and Knowledge of .Net Framework 2.0/3.5/4.0, ASSEMBLIES, CLS, CTS, CLR, Garbage Collection and strong knowledge of Object Oriented Design Methodologies.
* Expertise in implementing **Web Applications, Windows Applications,ASP.NET, C#.NET, VB.NET, ADO.NET,WWF, JQuery,JSON, Web Services ,AJAX,XML, HTML, JavaScript, CSS,ASP, ADO, IIS.**
* Expertise in Database Design/ Programming and Development using **MS SQL Server 2000/2005/2008/2012**andgood experience in **SQL, T-SQL, Triggers, Views, User Defined Functions, Stored Procedures.**
* Experience in using Language-Integrated Query (**LINQ**) as in LINQ to SQL and LINQ to .NET objects for querying data
* Good exposure to ORM tools like **Entity Framework**.
* Excellent Hands-on Experience in Web Services (**SOAP, WSDL**).
* Experience in creating **UML** diagrams (Sequence, Activity, Use Case)
* Experience in Test Driver Development (**TDD**) in MVC web applications and Unit testing using **NUnit.**
* Well versed with **PMLC** / System Development Lifecycle [**SDLC**] processes, methodologies [**Waterfall & Agile - Scrum**] and validations.
* Experienced in **Onsite – Offshore delivery models** with excellent co-ordination with team, senior management, clients and stake holders
* Expertise in working with **Team Foundation Server** for Source code management, Requirements management and Scrum development process [Sprint iterations, estimations, reports, back logs] etc.
* Hands on experience in **Data migration** activities from legacy financial system to **SAP SD module**
* Experience in Data Modelling methodologies, **SSRS.**
* Experience in design, and development in diverse domains like **Finance**, **Telecom, HealthCareand Supply Chain Management.**
* Excellent communication skills, ability to work as a part of a team or individually and ability to pick up new skills quickly.

### Technical Skills

**Environment:**  Visual Studio 6.0, 2003, 2005, 2008/2010/2013

**Web Technologies:** ASP.NET, ASP, IIS 7.0, ADO.NET, AJAX, JQuery, MVC3/4, Web API, WCF, WWF

**Programming Languages:** C#.NET, LINQ, VB, VB.Net, JavaScript, XHTML, XML, XSLT, HTML, HTML5

**.Net Framework** 1.1/2.0/3.0/3.5/4.0

**Design Documentation:** HLD, SID & LLD

**RDBMS:** SQL Server 2000/2005/2008/2012**,** Ms Access

**ETL/Reporting/ORM Tools:** SSRS,Crystal Reports 9.0, Entity Framework 4.0

**Source Control:** Team Foundation Server & Visual Source Safe

**Other Tools:** Microsoft Project, Microsoft Visio, MS Office, UML, Infragistics

**Operating Systems:** Windows Server 2000/2003/2008& Windows 7/8

**Methodologies:** SOA,Design Patterns, Waterfall, Agile Methodology, N-Tier architecture, OOP Concepts, Data Modeling techniques, Complete SDLC

**Career Profile**

Nov 2014– Till Date Technical Resources International Inc., Bethesda, MD

**Project Title CTEP Safety Tracker**

**Position Senior .Net Developer/ Technical Lead**

**Responsibilities:**

* Involved in Analysis, Designing and coding and implementation of the CTEP application.
* Design and developedvarious modules using ASP.NET, C#.NET, ADO.NET, AJAX, Entity Framework, LINQ, JQuery and SQL Server.
* Created system architectural diagrams implementing multi-layer architecture.
* Developed the Web Application in ASP.Net 4.0 using Master Pages, Themes & Skins to maintain the consistent look and feel throughout the application.
* Used CSS, JavaScript,and JQuery in client side for managing controls and data.
* Developed SQL helper class to minimize data manipulation and transactional process time.
* Managing IBM Rational team server for the project artifacts, automation builds for ASP.NET Web forms.
* Performing code reviews ASP.NET web forms and SQL Server programs like Stored Procedure, Functions and Views.
* Leaddesignreviews and provided recommendations.Incorporated security requirements into user authentication process and ensured effective workflow.
* Co-ordinate with the QA Team & UAT users group to identify the Test Plan & Test Data for System, Integration & Regression testing of the application.
* Conducting peer reviews of the deliverables. Update the weekly status reports to senior management.
* Participating daily scrum meeting and planning meeting with team
* Work to minimize the schedule slippages by effective leverage of the resources.
* Defined coding standards and built processes to improve code quality and development efficiency.

**Projects Executed**

***CTEP Safety Tracker***- CTEP (Cancer Therapy Evaluation program) Safety tracker system is primarily as web-based tracking system designed for the CTEP Safety team to record the Amendments, Adverse Events, Assessment Decisions made and any correspondence associated with the queries as the information is received at Safety. The information stored is made available to the users through different reports designed as per the user’s requirement.

**Environment/Tools:** Agile, Scrum, ASP.NET 4.0, C#.NET, HTML5, AJAX, SQL Server 2008/ 2012, ADO.NET 4.0, Entity Framework, .NET Framework 4.0, JQuery, JavaScript, Bootstrap, LINQ, IBM Rational, MS Visio

Oct 2013– Oct 2014 Veritra Inc., Schaumburg, IL

**Project Title SoloWindow**

**Position .Net Technical Lead**

**Responsibilities:**

* Involved in Requirement analysis with all stakeholders and set project milestones.
* Worked end to end in Design/developing the application using ASP.NET MVC, C#.NET, Entity Framework, LINQ, JQueryand SQL Server.
* Create and review high/low level system architectural diagrams implementing MVC and multi-layer architecture.
* Design/Developed MVC Views, Layouts, Model and controller according to requirement.
* Used JSON and JQuery in client side for managing the controls and data.
* Design/ Developed RESTful Web APIs for mobile App data transformation which will consume and return JSON data.
* Created windows services to handle Push Notification services.
* Managing Team foundation server (TFS) for the project artifacts, automation builds for ASP.NET MVC and Web API projects.
* Performing code reviews for the Model / View / Controller pattern and SQL Server programs like Stored Procedure, Functions and Views.
* Providing technical direction for the development, design, and systems integration from initiation phase through implementation
* Conducting peer reviews of the deliverables. Update the weekly status reports to senior management.
* Participating daily scrum meeting and planning meeting with team
* Update onsite/off shore team with status in daily scrum calls.
* Work to minimize the schedule slippages by effective leverage of the resources.
* Defined coding standards and built processes to improve code quality and development efficiency.

**Projects Executed**

***SoloWindow***- The purpose of this project is to create the first solution that gives businesses, organizations, family & friends a single View that provides the ultimate control and security over information shared and received.With SoloWindow, A single window lets manage our social networking and important communications, efficiently and securely.

**Environment/Tools:** Agile, Scrum, ASP.NET MVC 4.0, C#.NET, HTML5, SQL Server 2012, ASP.NET Web API, ADO.NET Entity Framework, .NET Framework 4.0, JQuery, JSON, LINQ, TFS, NUint, MS Visio

Jan 2009– May 2013 The Nielsen Company, Cincinnati, OH

**Project Title Job Accounting System (JAS), Finance Portal (FP), SAP OTI implementation**

**Position .Net Technical Lead**

**Responsibilities:**

* Work with the Project Management Team &Stake holders on the initiation, requirements& design phases to finalize the requirements of the project.
* Worked end to end design/developed applications using ASP.NET MVC, ASP.NET Webforms, C#.NET, VB.NET, ADO.NET, AJAX, SQLServer, WWF, WCF and Infragistics.
* Implemented MVC architectural pattern to create finance portal application using ASP.NET MVC framework to generate end user billing templates.
* As part of SAP OTI implementation, performed legacy financial datamigration to SAP, design/developed complex windows application in C#.NET to fetch legacy financial data, perform validations and convert to SAP templates.
* Created WCF Service for communicating with Business layer developed using C#.Net Class libraries and data access layer.
* Created WCF Services using VS.Net 2010 and Consumed WCF Services from ASP.Net pricing tool web application.
* Implemented Windows Workflow Foundation (WWF) for managing workflows
* Created Global Revenue View (GRV), Accrual reports to display revenue/ Job costs to stakeholders across regions globally using SSRS.
* Work closely with the SAP SD group to help understand the existing architecture and derive various solution approaches for the proposed project to finalize the High level Design requirements.
* Interact with interfacing applications & middleware teams to identify the Input/Output requirements for any new or changing interfaces.
* Worked on building HLD, LLD, System Interface Design (SID)& Interface Design Specifications documents as per the Nielsenstandards.
* Conduct regular walk-through with the intended audience and collect sign off on the design documents
* Conduct walk-through with the development team to clarify the requirements to setup the development plan, assign responsibilities to the team members and create Unit Test Plan in parallel.
* Monitoring the Progress of the Project by setting up regular status meetings with development team, resource allocations, ensure the quality standards and keep track of the progress of the project.
* Co-ordinate with the QA Team & UAT users group to identify the Test Plan & Test Data for System, Integration & Regression testing of the application.
* Provide regular updates to the respective stakeholders of the projects in a weekly basis.
* Processing any change request received from the users.
* Updating the Best Practices and the induction manual at the end of every project.

**Projects Executed:**

**Project Name → SAP Order to Invoice (OTI) Duration → Jan 2012– May 2013**

The primary objective of the project is to implement the complete data migration of entire legacy financial system to SAP SD module. This project involves data modelling of legacy data structure, front-end business rules, generate various feeds in different formats to provide inputs to SAPmodules, data validation& reporting the data mappings between the legacy and new system, generating forms output for theSD contracts& BWreporting.All interface interactions were implemented using SOA framework and web service communication via XML.

**Project Name → Finance Portal (FP) Duration → May 2011 – Dec 2011**

This web application generates billing contract templates to invoice to client. For making this contract forms it gets feeds from different systemand submits this order to the downstream systems. The project aim is to implement common interface to track the submission of all contractforms and automate the mailing process via appropriate department for further processing. All interface interactions are implemented using web service communication.

**Project Name → JAS(Job Accounting System) Duration → Sept 2009 – Apr 2011**

JAS (Job Accounting System) handles end to end accounting procedures for Nielsen BASES. This system tracks global projects costs and billing, entry point for global job orders. This system enables international offices to calculate monthly job cost and revenue accruals. This system uses scheduling process to calculate the accruals and reporting the revenue and cost to different regions. All interface interactions are implemented using web service communication.

**Project Name → Study Pricing Duration → Jan 2009 – August 2009**

The objective of the Study Pricing project is to forecast studies and pricing that will house various types and sources of new study tracking data. This application to capture data that will provide a holistic view of a new study tracking which includes measurement of plan vs. forecast vs. actual performance. This application generates report suite addressing various launch dimensions will be created for this service. The reports include charts and graphs, which provides summarized insights on the pipeline studies.

**Environment/Tools:** ASP.NET MVC 3, ASP.NET, C#.NET, VB.NET, ADO.NET,WCF, WWF,AJAX,JavaScript, SQL Server 2005/2008, SSRS,Infragistics, Crystal Report 8.0, UML, MS Visio, MS Project, VSS, CCM.NET, Remedy, Waterfall

Jul2007-Dec2008 Motorola, Schaumburg, IL

**Project Title Future Cost Management System**

**Position Senior .Net Developer/ Project Lead**

**Employer** TATA Consultancy Service Ltd, Chennai

**Responsibilities:**

* Conducting requirements discussion with the customer & explaining the additional benefits of the product
* Performing a detailed analysis and preparing the estimation for the customization effort & timeline.
* Work closely with the Architecture group to help understand the existing architecture and derive various solution approaches for the proposed project to finalize the High level Design requirements.
* Performing the design documentation and discussing the new designs with customer for signoff.
* Involved in Coding, testing and reviewing the code.
* Providing regular updates to the supervisor and the client managers.
* Monitoring the Progress of the Project by setting up status meetings with Offshore for resource allocation, following the quality standards and keep track of the progress of the project.
* Updating the user manual documentation & best practices

**Projects Executed**

***Future Cost Management System***- The purpose of this project is to develop and rollout a future cost management system for Procurement. The current processes, resources, and systems supporting the spend, savings and other related reporting needs for Procurement is to be analysed. Also, the project will execute a process and system implementation plan that supports weekly, high integrity spend and savings reporting.

**Environment/Tools:**ASP .NET, VB.NET on Framework 2.0, JavaScript, XML, XSLT & T-SQL, SQL Server 2005, MS Visio

May2006–Jun2007 Verizon, Irving, TX

**Project Title BRAD (Broadband Requirement Analysis and Design)**

**Position Requirement Manager**

**Employer** TATA Consultancy Service Ltd, Chennai

**Responsibilities:**

* Gathering business requirements and client interaction.
* BRD Review and Approvals.
* Conducting joint application design calls for LOE (Level of Effort) collections.
* Preparing High–level design documents
* Preparing Traceability Matrix
* Issue Resolutions.
* Conducting design walkthroughs with development teams.

**Projects Executed**

***BRAD (Broadband Requirement Analysis and Design)*-** Requirements Gathering, Analysis and High-level design for the Business Requirement Documents (BRDs) coming into Verizon IT from various Lines of Business for Broadband related Conceptual Initiative Definitions (CIDs). This includes approval of the BRDs, facilitating Joint Application Design calls and creation of Design documents (Usecase, FRD, SRS, General design) in order for the application teams to provide a Level of Effort (LoE) estimates within the prescribed timeframes.

**Environment/Tools** MS Office 2003, MS Visio 2003, MS Project, UML

May2004–Apr 2006 Imperial Business System, U.K

**Project Title Lightning, SEMS**

**Position .Net Developer/ Team Lead**

**Employer** California Software Co Ltd (Calsoft), Chennai

**Responsibilities:**

* Reviewing high-level design documents and handling change request.
* Implemented effective Web Service calls for all critical transactions
* Preparation of Use Case diagram using Visual – paradigm UML tool builder.
* Developed User Interfaces with effective handling of validation.
* Preparation of Unit Test Plan & Test cases
* Performed System & Integration Testing
* Create forms & provide instructions for deployment.

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**Projects Executed**

***Lightning*** - The target system is going to be used by local government offices to manage the parking operations. If a vehicle is parked against the law the system is used to administrate the fine. This includes payments, correspondence between a citizen and the government and viewing the ticket details. Overall, the software includes hand held devices, a back-end database and many other sub-systems.

***SEMS (Service Equipment Management System)*** – SEMS is a mature and robust system, and has been in use since 1991. It is used by a large number of leading hospitals in the UK, many of who have since attained ISO9002 accreditation for their equipment management service. SEMS supports the day-to-day operation of managing inventories and carrying out service and maintenance tasks.

**Environment/Tools:**ASP .NET, VB.NET,VS.Net 2005, XML Webservices, XHTML, SQL Server2000/2005, CSS, Crystal Reports 8.0, ASP, VB, COM+

### Educational Qualification

**Bachelor of Engineering in Electrical Electronic Engineering (B.E (EEE))**, Madras University, India

**Certification**

**Microsoft Certified Professional** in developing Web application in Visual Basic.Net (ASP.NET 1.1)