**Arul K –** **arulk.net@gmail.com** **- 302-650-1582**

**Senior .NET Developer**

**PROFESSIONAL SUMMARY:**

* Over 10+ years of experience in ASP.NET web application in design, development, deployment, database design and development in SQL, Oracle and MS Access.
* Extensive experience in developing various applications using Visual Studio .NET technologies like C# , ASP.NET, ASP, ADO.NET, XML, Web Services, Silver Light, WCF, WPF, MVC.
* Expert knowledge of design and development of Web application architecture (multiple tiers).
* Working experience in MVC, WCF, Web API, Asp, Vb, SPA using node and AngularJS.
* Working experience in backend database such as SQL Server, Oracle and MS Access
* Hands on experience in designing Service Oriented Architecture (SOA).
* Working experience on plug in such as Basecamp API, Android, Facebook API, Google API, JQuery, HTML, CSS, Knockout’s JS , JQuery Templates, Bootstrap, Type Script, Angular JS & HandlebarJs.
* Working experience on SPA client side framework MVC for AngularJS, light weight server node Js, MVC Web API (Rest full service) consuming.
* Used ADO.Net objects such as Data Adapter, Data Reader and Dataset for consistent data access.
* Rendered interfaces using WPF and performed data binding with the help of LINQ and built-in WPFdata services.
* Handled experience on leading development team in the project and played role as a Technical lead.
* Had onsite client experience at London & Italy.
* Having Functional Expertise in the areas of Accounts Receivables (A/R), Accounts Payables (A/P), Chart of Accounts (GL), Human Resource (HR) and Manufacturing.
* Through understanding of End to End Solution Development and Implementation of ERP systems.
* Hands on Experience in Uniface development projects
* Hands on Experience in Requirements Modeling tool (MS Visio)
* Hands on experience Analysis/Design/Co-ordination /Development & Support.
* Knowledge in Design patterns and member of patterns team.
* Hands on experience in software IBM Congo’s Applix TM1, Executive Viewer & Power Play, APEX (Oracle Application Express).
* Developed Visual Basic applications that use ActiveX controls to access and manipulate the Business Mainframe and SQL Server systems
* Conversant with all phases of Software Development Life Cycle involving Systems Analysis, Design, Development and Implementation using Water fall model and agile methodology.
* Experienced in developing backend business logic using objects like tables, views, Cursors, complex stored procedures, Common Table Expressions, triggers using Data Definition Language (DDL) and Data Manipulation Language (DML) concepts.
* Strong knowledge of Relational Database Management Systems (RDBMS) concept in several databases like SQL Server and Oracle

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Language** | C#.Net, C, VB.Net and Java |
| **Web Technologies** | ASP.NET , MVC, JQuery, HTML, JavaScript, AJAX, KnockoutJS, AngularJS, HandlebarJs, Restful WebAPI, Type Script, XML, SPA, Entity Framework, Windows Service, Web Service, MVVM, Linq to Sql, JSON, Nodejs, bootstrap CSS, Apache server, Asp.net Core 1.0 (open source). |
| **Database** | SQL – Server, Oracle and MS-Access and My Sql. |
| **Tools** | Crystal Report, TFS, Telerik, Aspose.NET, SVN, Eclipse, NUNIT, ITextSharp, Humming Bird, Impromptu , SSIS |
| **Operating Systems** | Windows 2000/NT/XP/7, Windows Server 2003/2008 |
| **Mobile Knowledge** | Android & SQL Lite, knowledge on IPhone (objective C) |
| **Other Technologies** | WCF, Uniface, Applix TM1. |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS Health Pharmacy, Woonsocket, RI - 02895 Mar 2017- August 2017**

**Role: Senior Software Developer**

**Project: Minute Clinic**

**Description:**

Minute Clinic walk-in medical clinics are staffed by nurse practitioners and physician assistants\* who specialize in family health care. This care for children and adults, every day with no appointment needed

Using this product patient can create appointment and get the token serial number. User can monitor his/her waiting time through Electronic Messaging board. This board will tell you what is the status of your token is and also user can change their clinic location based on the nearest clinic wait time if it is less.

It has main master module of all states, each states has its own regions and each regions has its own clinics. Minute Clinic has visits types, services, and current wait time calculation, identify nearest clinic less wait time using google maps and transfers their token.

Patient information integrated with EPIC service and Insurance systems.

**Responsibilities:**

* Creating business service component using C# and Framework 4.6.1 with layered architecture.
* Creating web services such as Web API 2.0 and WCF (Rest full).
* Consuming rest service to create UI using AngularJS, Apache, bootstrap and Submime Editor.
* Understanding the Requirement and Analysis.
* Database design and implementation with stored procedures, function, CTE and views
* Writing the code as per coding standards.
* Unit testing for NUnit Framework using C#.NET.
* Developed web pages utilized SQL Server 2012 and the Entity Framework as a backend

**Environment:** ASP.Net, ADO.Net, C#.Net , Web API , MVC , Entity Framework , AngularJS, Bootstrap, JQuery, IIS V.7, CSS3, WCF, Web services, Windows Services, XML, XSLT, SOA, MVVM, SQL Server 2012, SSRS, Javascript, Apache and Submile.

**Client: Halliburton, Houston, TX  Jan 2016 – Feb 2017**

**Role: Senior Consultant**

**Project: StandStar**

**Description:**  Stand Star provides the real time statistics on recruitment activities. The variety of reports helps the recruiter to understand the status of the candidates based on their status and the candidate matching skill. This allows the managers to easily identify and avoid the redundancy efforts, this increases the revenue.

The Robust Role based rule engine provides both security and flexibility to integrate with multiple VMS and ability maintain any kind of hierarchy with abstraction and transparency.

 Built in Data analytical module has the ability to compare the candidate skill set against the current key skill required by the client. It also has the ability to rank the skills and candidates. Created browser applications using WPF. Proficient in web technologies such as HTML5, CSS3, XML, JavaScript, jQuery, AJAX, and Bootstrap.

Ability to integrate with any E-Attendance System.

• Automated Alert and Follow Up workflow ensure the individuals on time entry.

• Sand Star supports wide range of reports, these reports helps management team to generate the Billing reports easily.

**Responsibilities:**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* Developed Code first approach to create database using MS Silverlight, MVVM, Entity framework and MVC 4/3.
* Recent intensive project experience in developing front-end User Interfaces using Angular JS, Bootstrap, jQuery, JavaScript, CSS, HTML5.
* SRS Preparation and Design document using UML modeling.
* Database design and implementation with stored procedures and views
* Writing the code as per coding standards
* Have worked on XAML in Visual Studio using WPF.
* Deployed in Server.
* Developing the application using ASP.NET, C#.NET, AJAX, J-Query, JSON, HTML, JavaScript and CSS
* Done NUNIT using C#.NET.
* Developed web pages utilized SQL Server 2012 and the Entity Framework as a backend

**Environment:** ASP.Net, Visual Studio 2012, Bootstrap, JSON,WPF,ADO.Net, C#.Net, VB.Net, Microsoft, JQuery, IIS V.7, CSS, WPF, AJAX Controls, WCF, Web services, HTML5, XML, XSLT, SOA, ASP.NET MVC 4, MVVM, SQL Server 2012, SSRS, XAML, JavaScript, Angular JS.

**Client: American Express, New York City, NY July 2015 –Dec 2015**

**Role: Technical Lead**

**Project: US Bank**

**Description:**  This project is an Online Banking service to the customers. The Customer can transfer money from one account to other account vice versa. It has main module of Customer dash board where they can see their accounts list with balance information’s. User can perform money movement operations like Transfer, Payment, Get Advance, Send & Receive, Deposit, Bill pay and View change transactions

**Responsibilities:**

* Support translation of business requirements and rules to technical system design.
* Involved Audit Logging for Relationship Manager (Western union and USB Pay a Person).
* Preparing design documents for the above.
* Database design and implementation with stored procedures and views
* Implementing Audit Log code for money movement page as per user activity.
* Analyzing Bill pay performance issue on the page if user will add more than 30 billers.

**Client: Efficiency Technologies. Knoxville, Tennessee 37922 Jun 2013 – Jun 2015**

**Role: Lead/Senior Software Engineer**

**Project: Midlabs LLC**

**Description:**  This project is a Freight calculate application. This application is used to find freight charge from various carriers like AVERIT, Conway, SAIA & FedEx using from and destination of the zip codes.

* Maintaining a Client with their users.

 Used **Bootstrap** for Creating Design Templates for interface components and JavaScript extensions.

* Based on the plan they can extend their carriers and users.
* Reconciliation their invoice with original values.
* They can set Add On facilities to carriers.
* They can create Quote and awarded facilities with email options.

**Responsibilities:**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Database design and implementation with stored procedures and views
* Writing the code as per coding standards.
* Deployed in Server.
* Mentoring with the development, support and design of Asp.net applications using C# and Sql Server 2008. Implementing web pages using **jQuery** and JavaScript.

 Done NUNIT using C#.NET.

**Project: Law horn CSG.**

**Description:**  This project is a Service Task tracking application. This application is used to manage business or individual client’s service related to task and assigning metrics.

* Validated all the admin modules using **JQuery**
* Maintaining a Business and individual client with their users.
* Dashboard metrics for monitoring Service, Task & assignment about pending and upcoming renewals.
* Business and individuals can create their products like Topics, Package & Services.
* They can estimate task and creating task reports.
* They can create Estimate with new plans and service charges.

**Lead / Senior Software Engineer.**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Database design and implementation with stored procedures and views
* Writing the code as per standards using java.
* Microsoft SQL Server 8.0 and 2008 to develop user applications
* Deployed in Server.
* Done NUNIT using **C#.NET.**

**Project: Radio Station Connect.**

**Description:**  This project is a Pet safe application. This application is used to control their pets in their place with other pet’s related activities.

* Maintaining a Dealer with customers who were having pets.
* Drawing Fence on Google maps using their location.
* Controlling their pets within their area using Fence posts.
* Using caller to vibrate their pets when it will reach out of Fence.
* Download Fence area (Latitude & longitude) coordinates as KML output and upload into Pets controlling device.
* Keeping track of their pets, customers and dealers.

**Lead / Senior Software Engineer.**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Writing the code as per standards using java.
* Deployed in Server.
* Done NUNIT using **C#.NET.**

**Project: Efficiency LLC.**

WPF, MVVM Design Pattern along with PRISM, LINQ TO Entity, .NET Framework, Expression Blend, Visual Studio, XAML, C# that injected views and assisted end users to provide file transfer profile details.
 Worked with Site core content management system in integrating with .Net controls into Site core.
 Refactored and enhanced an existing application to follow strict MVVM/MVC patterns for improved source code maintenance, code reduction, ease of upgrade, scalability, ease of developer spin up, enhanced performance. It also allows to schedule a peer review on each requirement to specific stakeholders, shows around requirements, documents and online discussions. Sluice generates RPF, SRS, BRR and LOE document in Word, Excel and pdf format. It also facilitates to quickly relate the requirement to the document or other requirements. Sluice allows project managers to assign requirements to individual stakeholders, keeping stakeholders focused on their role in the customizable this project is a requirement management application. It lists, sorts, edits and version information project.

 **Designed and developed User Interface for desktop ETSS tool using dashboards geared** to give any stakeholder fast updates. It allows them to participate in discussions online with your team around each requirement, assign roles that control who is editing project information, reference saved discussions on all requirements and also see a history of edits made to your requirements.

**Lead / Senior Software Engineer.**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Database design and implementation with stored procedures and views, Basecamp Integration.
* Writing the code as per standards using **C#.NET**.
* Deployed in Server.
* Done NUNIT using **C#.NET**.

**Project: Consolidated Inventory System (CIS).**

**Description:**  The software is used to track products and parts as they are transported from a vendor to a warehouse, between warehouses, and finally to a retail location or directly to a customer.

* Maintaining a balance between too much and too little inventory.
* Tracking inventory as it is transported between locations.
* Receiving items into a warehouse or other location.
* Picking, packing and shipping items from a warehouse.
* Keeping track of product sales and inventory levels.

**Lead / Senior Software Engineer.**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Writing the code as per standards using java.
* Deployed in Server.
* Done NUNIT using **C#.NET**.

**Project: Master Craft.**

**Description:**  This project is a Boat designed support application and this will provide option to see their boat information via web services*.*

* Verify Boat image like Interior, Exterior.
* Verify Boat options like engine model, tower etc.
* View boat in expanded mode to confirm color and other options.
* Print Build sheet to send it to manufacture to build a boat.
* Boat components information linked to ERP system

**Lead / Senior Software Engineer.**

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Database design and implementation with stored procedures and views
* Writing the code as per standards using java.
* Deployed in Server.
* Done NUNIT using **C#.NET**.

**Environment:** Windows server, Visual Studio 2013/2015, ASP.Net, C#, VB.Net, ADO.Net, XML, .NET Framework 4.0, IIS 7.0, HTML5, CSS, AJAX, JavaScript, Angular JS, WCF, Web Services, SQL Server 2012, T-SQL, Crystal Reports, SSIS, SQL Reporting Services(SSRS).

**Client: Sterling Corporate and Communication Aug 2011 – May 2013**

**Role: Senior Consultant**

**Project: Virtual Data rooms (VDR)**

**Description:**  Sterling’s X-AG™ virtual data room is an online platform that enables you to perform faster and more efficient due diligence and document management in a completely secure environment X-AG™ guarantees a world-class security solution for businesses that prioritize confidentiality and depend on reliability. X-AG™ also offers a suite of dynamic real-time activity reports, enabling deal administrator’s complete insight into user behavior throughout the transaction.

**Responsibilities:**

Client can create projects, teams, invite user to particulate team, upload document and assign permission to team and document levels. They can create index order to arrange documents with drag and drop options and verify with reports.

* Support translation of business requirements and rules to technical system design.
* Understanding the Requirement Analysis.
* SRS Preparation and Design document using UML modeling.
* Writing the code as per coding standards.
* Database design and implementation with stored procedures and views
* Deployed in Server.
* Done NUNIT using **C#.NET**.

**Environment:** ASP.Net, C#.Net, ADO.Net, HTML, SQL Server 2008, Windows 2003, VISTA, IIS, Java Script, SOAP, XML Web Services.

**Client: Foster Wheeler India Pvt Ltd Chennai Aug 2008 – Jun 2011**

**Role: Senior Business Application Developer**

**Project: In-house Development**

**Description:**  This project is a Boat designed support application and this will provide option to see their boat information via web services

**Responsibilities:**

* Support translation of business requirements and rules to technical system design.
* Interface Management Database (IMDB) - ASP.NET
* Web Man Power Planning (WebMPP) – ASP.NET
* Prophets System (Finance) – Applix TM1 & Executive Viewer.
* Web Documents and Management System ( WebDMS) – ASP.NET
* ERP modules Customization & Integrations.
* Business Data Analysis (IBM Congo’s Applix TM1).
* Maintaining Online Forms Intranet Applications.
* Deputation to Reading
* Uniface Development.

**Client: Avinya Information System. Pondy. Sep 2006 - Jul 2008**

**Role: Senior Software Engineer**

**Project: Thermocopy ERP**

**Description:**  This project is designed for complete automation of M/S Thermocopy of Tennessee Knoxville USA. . It deals with various modules such as Accounts Payable (A/P), Accounts Receivable (A/R) and GL accounts. Personnel & administration, accounts, purchase & stores and sales. P&A: Generation of employee masters for payroll, esi, pf, monthly transaction, preparation of payroll and related reports. Accounts: Generation of masters for GL, day to day transaction, preparation of cash book, bank book, ledgers and other related documentation and reports. Purchase & Stores: Generation of masters for inventory, vendors, day to day requirements, receipts & issues, preparing stores ledger and other related reports. Sales: Generation of masters for product, customer, day to day transaction of finished goods, their stocks, invoice printing for sales and other related reports.

Process Automation: The system process automation component/engine interfaces with different system wide modules to automate manual tasks as much as possible. The processes are tax calculation, yearend forms, email notification.

Access Roles and Security: Application users will belong to system-maintained groups. These groups define the access roles and security for the logged-in user. The user that is logged in will have only certain features/modules of the system accessible to them based upon their assigned system-maintained group.

**Responsibilities:**

* Support translation of business requirements and rules to technical system design.
* Understanding the business logic and work flow of the organization
* Gathering business requirements
* Requirement analysis, Data collection and System study
* Designing the system, Developing the system, Deploying the system in the hosting server, Developing the training documents, User manuals and Training on the product
* Development of UI Components and Database designing.
* Integrating our ERP with Quick Books (third party tool)

**Project: Product Manufacturing.**

**Description:**  This project is designed for complete automation of **Neycer India Ltd (Tiles Division)** - Pondicherry. It deals with various modules such as personnel & administration, accounts, purchase & stores and sales. P&A: Generation of masters for payroll, esi, pf, monthly transaction, preparation of payroll and related reports. Accounts: Generation of masters for GL, day to day transaction, preparation of cash book, bank book, ledgers and other related documentation. Purchase & Stores: Generation of masters for inventory, vendors, day to day requirements, receipts & issues, preparing stores ledger and other related reports. Sales: Generation of masters for product, customer, day to day transaction of finished goods, their stocks, invoice printing for sales and other related reports

**System Analyst.**

* Support translation of business requirements and rules to technical system design.
* Understanding the business logic and work flow of the organization
* Gathering business requirements from department heads
* Requirement analysis, Data collection and System study
* Feeding documented information for MIS
* Development of UI Components and Database designing.
* Task execution, monitoring and review of the tasks done by various department heads

**Environnent : JDK 1.6, JSP, JBoss 6.1, JDBC, XML, DOM, SAX, JAXB, HTML, DHTML, Ajax, JNDI, Web Services, Soap UI, WSDL, SOAP, SQL, PL/SQL, JavaScript, Oracle11g, PL/SQL Developer, Log4j, ANT, Silk Central, SVN.**

**EDUCATION**

Post-Graduation: Master of Computer Application - University of Madras - Chennai.

**Certification**Microsoft Certified Professional- Web Application Developer

Transcript Id :720438

Access Code :53FF2CC4

**COMPUTER EDUCATION**

***Business Intelligence:*** Uniface, Humming Bird, IBM Congo’s Applix TM1 and Impromptu