ARIVUNIDHI SRINIVASAN

**SUMMARY**

* 11+ years of Development experience with Microsoft technologies.
* Expertise in technologies: **Asp.Net, C#.Net, SQL Server, MySql, HTML, JQuery, JavaScript.**
* Hands on experience in writing queries and stored procedures in SQL Server.
* Having experience in Web services and Windows services.
* Involved in Unit Testing, Load Testing and interacting with co-developers to find the solutions to the errors occurred in the application.
* Experience in various phases of project execution: requirements, design, development and deployment.
* Good team player as well as an individual contributor with good communication and interpersonal skills.

**PROFESSIONAL EXPERIENCE**

* Worked as a **Software Developer** in **Boomi Technologies**, Karaikudi from Jun 2007 to Sep 2008.
* Worked as a **Guest lecturer** in **Annamalai Polytechnic College**, Chettinad from Sep 2008 to Jul 2013.
* Worked as a **Senior Software Developer** in **Serba Dinamik IT Solution**, Malaysia from Jul 2013 to Sep 2020.
* Worked as a **Senior Software Developer** in **NEC India Private Limited**, Noida from Sep 2022 to Nov 2022 (Contract Basis).
* Working as a Freelancer from Oct 2020 to till date.

# TECHNICAL PROFICIENCY

* Microsoft Technologies : ASP.NET 4.0, 4.5, ADO.NET, MVC.
* ProgrammingLanguages : C#.Net, VB.Net,JQuery, JavaScript.
* Database : MS SQL Server 2019, MySQL 8.0.

# HARDWARE PROFICIENCY

* Hardware : Troubleshooting and Assembling.

**ACADEMIC PROFILE**

* **M.Sc(CS)** (2004-2006) **Alagappa University,** Karaikudi**.**
* **B.Sc(CS)** (2001-2004) **SSA College**, Devakottai**.**

**PROFESSIONAL EXPERIENCE:**

**#Project 1:**

**Project Title** : Risk Based Inspection(RBI).

**Client** : Serba Dinamik Group Bhd.

**Role** : Senior Software Developer.

**Environment** : ASP.NET C# , Visual Studio 2010, SQL Server 2012.

## Description:

**Risk-Based Inspection (RBI)** is an analysis methodology and process that, as opposed to condition-based inspection, requires qualitative or quantitative assessment of the[probability of failure (PoF)](https://inspectioneering.com/tag/probability+of+failure) and the [consequence of failure (CoF)](https://inspectioneering.com/tag/consequence+of+failure)associated with each equipment item, piping circuits included, in a particular process unit. A properly-implemented RBI program categorizes individual pieces of equipment by their risks and prioritizes inspection efforts based on this categorization.

RBI is used to identify and understand risk, risk drivers, and where equipment is in its lifecycle. RBI can indicate whether inspection is needed; however this requires additional data that is extremely targeted to reduce the underlying uncertainties associated with the risks about the current and future predicted damage state of the equipment. RBI should not be used to recommend any inspection when it will not improve knowledge about the damage state. In those cases, where PoF is driving the risk, RBI should point to other mitigation options such as replacement, repair, or other actions that satisfy the risk criteria.

RBI can be used to prioritize inspection-related activities, usually by means of [nondestructive testing](https://inspectioneering.com/tag/nondestructive+examination)(NDT), in order to reduce the uncertainties around the true damage state of the equipment and the dynamics leading to such. The resulting inspection plan may outline the type and scheduling of inspection for an asset. In addition to NDE, additional risk mitigation activities identified by an RBI assessment might include a change in material of construction, installation of corrosion resistant liners, operating condition changes, injection of corrosion inhibition chemicals, etc.

Consistency and repeatability of analysis are critical to producing an effective RBI program, as RBI is based on relative risks. Caution should be used when mixing RBI platforms (e.g., using a qualitative method to perform the initial screening and quantitative methods to conduct the final analysis). Complementary methodologies must be calibrated against one another to ensure valid cut sets are achieved.

**#Project 2:**

**Project Title** : Global Resources Management.

**Client** : Serba Dinamik Group Bhd.

**Role** : Senior Software Developer

**Environment** : ASP .Net C#, Visual Studio 2010, SQL Server 2012

## Description:

Global Resources Management is a complete solution to track the applications of employee who have joined/resigned/been terminated or about to join your company. A web-based application that allows you to manage your company human resources quickly and easily.This system helps track the progress of a employee’s software systems to keep your employee file up to date. Our application allows you to enter the relevant information on your employee’s. Business are looking to increase workforce efficiency. Scheduling conflicts and mismatched manpower can cause job site inefficiency which increases cost and negatively impact deadlines. Our Global Resources application allows your management team to ensure deadlines match manpower need.

**#Project 3:**

**Project Title** : Easybuybye e-commerce website.

**Client** : Serba Dinamik IT Solution

**Role**  : Senior Software Developer

**Environment**  : ASP.NET C#, Visual Studio 2010, SQL Server 2012

## Description:

Serba Dinamik IT Solutions Sdn Bhd, a subsidiary of Serba Dinamik Group Bhd, is an international energy services group. It provides engineering solutions to the O&G and power generation industries, and has operations in Malaysia, Indonesia, UAE, Bahrain and UK. Serba Dinamik IT Solutions Sdn Bhd provides development services on customised software, web and mobile app for businesses that as-pire to digitalise their services. Serba Dinamik IT Solutions is also focusing on e-commerce platform and digital zones. As a part of its e-commerce solutions, Serba Dinamik IT Solutions owns EasyBuyBye, an online shopping cart which operates from Shah Alam, Malaysia.

**Responsibilities:**

* Created the pages according to the online customers.
* The Products details, Customer details, Cart details, Shipping details stored in database.
* The seller directly upload them own products in website.
* Create Reports For Daily, Mothly, Yearly Sales and Stocks of Product reports, Customer product rate report, Cutomer Wishlist report, Customer Order Report, Product Delivery and return report.

**#Project 4:**

**Project Title** : Fishmarket e-commerce website.

**Client** : Silver Star Fish Trading, Qatar.

**Role** : Senior Software Developer.

**Environment** : ASP.NET C#, Visual Studio 2010, SQL Server 2012.

## Description:

## Silver Star Fish Trading is the Qatar fish company step to online business that delivers fresh fish at the door steps. Selling the varity of fishes, shrimps, prawn and crab. As the sales are recorded electronically, traceability is ensured. The site processes payments all buyers have cash on delivery (COD) system and online payment like credit card and online banking.

**Responsibilities:**

* Analyzed requirements specifications.
* Created the pages according to the online customers.
* The Products details, Customer details, Cart details, Shipping details stored in database.
* The seller directly upload them own products in website.

**#Project 5:**

**Project Title** : Pattiyal(Billing App).

**Client** : NR Samy Store, Karaikudi.

**Role** : Senior Software Developer

**Environment** : ASP.NET C#, Visual Studio 2015, SQL Server 2019

## Description:

A Pattiyal(Billing App) combines varying software packages to track stock levels. The solution can integrate with sales systems.

A Pattiyal(Billing App) optimizes inventory levels and ensures product availability. It provides a single, real-time view of items, inventory and orders and selling. This enables businesses to carry less inventory on hand and frees up cash to be used in other parts of the business. A Pattiyal(Billing App) helps keep inventory costs low while delivering on customer expectations.

**Responsibilities:**

* Created the pages according to the retail shop staff.
* The Company, Supplier, Staff, User, Products, Stock, Customer details stored in database.
* Order can place and edit here and then billing the order.
* Create SSRS For Daily Sales and Stocks of Product, Monthly Sales and Stocks of Product and Yearly Sales and Stocks of Product

**#Project 6:**

**Project Title** : Clinic App

**Client** : Raasi Clinic, Karaikudi.

**Role** : Senior Software Developer

**Environment** : ASP.NET C#, Visual Studio 2015, SQL Server 2019

## Description:

Clinic App is a system enabling clinic to manage information and data related to all aspects of healthcare – processes, providers, patients, and more, which in turn ensures that processes are completed swiftly and effectively.

•**Patient Management**

With faster, secure, and easy data retrieval, a clinic/healthcare facility would be able to provide better and efficient care to the patients. the quality of patient care can be enhanced, leading to greater customer satisfaction and lowered turnovers.

•**Billing Management**

Given the large numbers (in all respects) that any clinic needs to manage, a great feature of Clinic App is to help keep track of billing aligned with treatments, tests, and doctor fee. The system is able to send out messages for bill payment, display discounts, automatically capture patient data, and keep a track of patient visits and payments.

• **Token Management**

Appointment scheduling is one of the most tedious processes in a clinic now day using token system. With the help of a Clinic App, an appointment widget is easily added to the clinic App. book an appointment with a doctor they choose with a time that works for them, receive reminders from the clinic, and also receive updates in the event of any changes.

•**Staff Management**

Clinic App helps in the management of employees healthcare facility. Every aspect related to an employee is captured here- date of joining, designation and department, authorization level, and other information. The administrator with access, can view and edit employee details, remove inactive/ex-employee details, make any employment-related changes, and more.

• **Medicine Management**

With efficient Clinic can track and manage supplies of medicine more efficiently and set up better purchasing contracts with suppliers. The system provides you with full transparency of inventory of medicine from the time it was ordered to when it was brought in to when it was used on patients.

**Responsibilities:**

* Analyzed requirements specifications.
* Created the pages according to the Clinic staff.
* Patients, Token, Supplier, Staff, User, Medicine, Stock details stored in database.
* Token System also available in this application.

**#Project 7:**

**Project Title** : **NEC Global Job Posting**

**Client** : **NEC**

**Role** : Senior Software Developer

**Environment** : ASP.NET C#, Visual Studio 2015, MySQL 8.0

**Responsibilities:**

* UI design was done as per the guidelines provided by the client.
* Created the pages according to the NEC staff.
* All pages have support for multilanguages like Japanese, Spanish, Portuguese, Chinese, and English.
* The post-job, apply-job, business unit, location, and band details are stored in the database.
* Create a Windows service for weekly update emails.
* Reports will be generated for HR and employees.

## Description:

NEC Global Job Posting Portal will be used by all employees of NEC Group of companies to post and apply for jobs globally. NEC employees will login through their official email IDs only. Authorization will be send through OTP on their email for valid email domains only.HR users only rights for posting a job. Employees will be able to search and apply for a job through this portal.

**Login**

Only NEC employees will login through their official email IDs. The email address list is maintained in the database master table. When the employee signs in through this login page, it will check the email ID on the master table. If the email ID is valid, then an OTP will be sent. When an employee enters OTP, check if the email ID is HR or that of another NEC employee. If the email ID is HR, it will go directly to the *'Job Posting Page'*; otherwise, it will go through the *'Job Search Page'*.

**Job posting**

HR only accesses this page. HR is given job details, global job roles, and job descriptions.

*'Job Details'* contain company, business unit, department, location, etc.

*'Global job roles'* contain specialization, stream, and band.

*'Job Description'* contains Role, Description & Accountabilities, skills, experience, and qualifications.

And the job ID is generated automatically when they click the *'Generate'* button. The posting date and job expiration date are also given here. All the details are stored in the database table when they click the *'Submit'* button.

**Edit and delete**

Here is the list of all posted jobs from HR. Here, they can edit and delete the job.

**Search and apply job**

Here, HR and NEC employees can access this page. They can filter by company, business unit, location, and job title. Can they see full details of jobs when they click the *'View'* button? If they are suitable for the job, they can click the *'Contact recruiter'* button, then the page redirects to the apply job page, and then they fill in the given data, like full name, preferred name, employment type, current company, etc. They must upload the resume, then click the *'Contact recruiter'* button, and then these data are sent to the email of the person who posted this job; expired jobs are not shown here.

**Weekly update emails**

On the login page, there are two checkboxes available. The first is the privacy policy, and the second is *'sign up for weekly updates'*. The window service program sends emails with weekly updated jobs to those who have checked the checkbox to *'sign up for weekly updates'*.

**Reports**

HR access all reports; NEC employee access list of posted jobs only

**Admin Access**

On the job application page, use the shortcut key. Only one person can access and modify the master table data using this page.

**PERSONAL DETAILS**

Father’s Name : Srinivasan.RM

Date of Birth : 10.01.1984

Sex : Male

Martial Status : Married

Nationality : Indian

Religion : Hindu

Languages Known : English and Tamil

Passport No : N0836930

Mobile No : 7708561033

E-mail ID : nidhiarivu@gmail.com

**Declaration**

I here by declared that all the information furnished above is true to the knowledge of my faith and belief.

Date: Yours Truly,

Place: (Arivunidhi. S)