**VARATHARASAN RAMALINGAM** 

**varsasathy@yahoo.co.in**

**Mobile : +91 9894989444**

**Objective**

To seek a position that utilizes my software development, maintenance and problem solving skills in **Software development** in an aggressive & challenging team environment.

**Summary of Qualifications**

* Over **9 years of experience** in the **software** industry.
* **Strong** experience in all phases of **software development life cycle** i.e. SRS design, Analysis, Coding, Testing, and Implementation with dedicated to Project Management handling on various Windows platforms for **WinForm**,enterprise(complex) application& **GUI products** for major releases & minor (Maintenance & standalone patch delivery). Various testing skills like Functional, Backend and Performance.
* **Rich** work experience with **software development methodologies**, **tools and techniques**.
* **Expert** in **Project Planning** and **tracking** using **VSTS**, **OpenProject, VersionOne, HP Quality Center**.
* **Extensive experience for Automation** on various Windows/Linux platforms for multiple products using C, C# and various development tools.
* Through understanding of **OOPS principles and deep understanding of the .NET platform**.
* Proficient in Programming skills, **WPF, C# (Winforms) Windows/Linux.**
* Participating in reviewing various **process documentations** and **Test** plans/matrix.
* **Demonstrated team leadership and project management.**
* Handling customer **Escalations in global environments**.
* **Global work experience with teams spread across different countries and time zones**.

**Summary of Software Literacy**

OS : Windows 98- Windows 10, UNIX, Linux

Languages : C#.Net, ASP.Net, WPF, WCF, C, C++.

Intermediate Tool : HPGL/2.HP RTL, PCL, Assembly Language (MASM), Entity Framework, LINQ

RDBMS : SQL Server, MS Access, Oracle

Web Technologies : HTML, XML, CSS

Patterns : MVP, MVC, MVVM, SOLID.

Architecture Patterns : SOA, SAAS, PAAS.

Programming Area : IO controllers TCP/IP, C/C++ /VB, C#

**Education**

**H S C**, Gov’t Higher Sec. School. Sathyamangalam.(1997)

**Diploma In Computer Technology**, Sri Ragavendra Polytechnic, Komarapalayam.(2000)

**Certification**

**Fundamentals of CMMI - Certification.**

**M CTS : Technology Specialist – Programming in C# .(Certification No. E340-0586)**

**Work Experience (Around 9.6 years)**

**05/17 – 01/2018, GES Infotek, Thiruvananthapuram (Technical Consultant) - Contractual Role**

**My Responsibilities:**

Involved in **code development** activities in specific modules.

Responsible for code review and white box testing.

Deployment on client site machine, and bug fixing.

**04/13 – 05/17, Freelancer**

**Project Title : Payment Tracking System Feb 17 – Apr 17**

**Team : 1 people**

**Tools : C#, WPF, MVVM, SQL Server.**

Description : A component that keeps records for goods received from formers also maintain goods send to the agent. Financial module maintain payment issued to the farmers. Collection module gives automated message(SMS) to the collection agent.

**Project Title : Data Rule Designer Jan 16 – Nov - 16**

**Team : 1 people**

**Tools : C#, ASP.Net, MSMQ, SQL Server.**

Description : A component that simplifies SQL so that typical and usual SQL actions can be simplified and controlled to reduce common SQL Errors. A UI limits the options available to the user. The component should construct SQL rules for execution.

**Project Title : Service Activity Tracker(Mobile Store) Nov 14 - Jan 15**

**Team : 2 people**

**Tools : C#, WPF, SQL Server.**

Description : Activity Tracker for mobile store facilitates to monitor in hose service activity. And generate billing for the service made to the hardware. It also keep the history, and give statistical report for specific service men.

**Project Title : Online Exam Automation Aug 14 - Oct 14**

**Team : 2 people**

**Tools : C#, ASP.Net, WCF, SQL Server, Web Services,**

Description : On-line Exam system facilitates to take up the test from remote location with the surveillance using webcam. The system handles all the operations, exam registration, time selection and generates reports as soon as the test is finish, that includes name, mark, time spent to solve the exam include video captured. The questions are randomly selected for the objective types.

**Project Title : Collection Process Automation Jun 14- Aug 14**

**Team : 2 people**

**Tools : C# .Net, WPF, SQL Server, Win forms, MVVM**

Description : Collection Process Automation for the finance provider to make collection and keeps records effectively. Credit module maintains records of debtors and financed details. Collection module gives automated message(SMS) to the collection agent about the collection details of the debtor and receive message(SMS) and update with central database

**01/13 – 04/13. Magna Infotech Bangalore (Sr. Software Engineer)**

**01/13 – 04/13 – Accenture for Contract**

**My Responsibilities:**

Involved in **code development** activities, suggesting and reviewing the **design**.

Responsible for code review and white box testing.

Execute the solution [Black Box testing] with HP quality center to provide quality outreach.

**Project Title : MicResultEntry**

**Client : Cerner Healthcare Solutions, Bangalore, KA**

**Team : Scrum [9 People]**

**Tools : C# .Net**

Description : Micro Biology Result entry, used to generate report for the appropriate manual and automated clinical laboratory and send across different used in the organization.

**Project Title : MicStatReport**

**Client : Cerner Healthcare Solutions, Bangalore, KA**

**Team : Scrum [9 People]**

**Tools : C# .Net**

Description : Micro Biology Statistical Report, used to generate report of clinical laboratory.

**06/09 – 01/13. SAGS TECHNOLOGIES, Chennai (Sr. Software Engineer)**

SAGS Technologies provide the web solutions as well as product development to the global clients.

**My Responsibilities:**

**Duties and responsible** for taking user **requirements**/client walkthroughs, take the on site job requirements.

Involved in **Design** related activities, suggesting and reviewing the **design**.

Responsible for managing a team of 5 working people.

Responsible for **Requirements mapping** & **Project roadmap** **plan** in consultation with client.

**Engage Client** in various walkthroughs including requirements, PD.

Provide **leadership and mentoring, training** and competency development

Overall responsibility for **delivery**. Managing support rosters

**Project Title : FAS Departmental store Sep 12- Dec 12**

**Client : Kanan , Coimbatore, TN**

**Team Size : Individual Contribution**

**Tools Used : C#, WPF, SQL.**

Description : FAS software focused on the billing needs for the Provisional store. Solution provides Purchase management and Inventory management details are caters to the billing solutions.

**Project Title : Connectmytrip.com Jun 12 – Aug 12**

**Client : Aagna, Chennai, TN**

**Team : Individual Contribution**

**Tools Used : ASP.Net, C#, SQL Server. WEB SERVICES, MVC**

Description : Connectmytrip.com is travel portal to book Flight, Bus and hotels.

Responsibilities :- Design and develop UI and code development integrates Redbus and Riya Flight web services. And ICICI Payment gateway integration with the site.

**Project Title : AUTOBILLER Version 1.0 Nov 11- Dec 11**

**Client : JP AGENCYS, Coimbatore, TN**

**Team Size : 2 Members.**

**Tools Used : C#, WPF, Oracle 9g. MVVM.**

Description : Autobiller software focused on the billing needs for the automobile spares industry. Solution provides Purchase management and Inventory management details are caters to the billing solutions.

**Project Title : Clinical Management System Aug 10 – Feb 11, May 11- Nov 11**

**Team Size : 5 Members.**

**Tools Used : C#, WPF, ASP.Net, SQL Server 2000, VSTS, MVC.**

Description : The scope of the project is to automate all the possible functionalities involved in Clinical Management System (CMS). The Clinical Management System is based on Web Application by nature. The software caters to both Clinical as well as Patient Care aspects of the Hospital. The software is divided into different modules; each module addressing a specific activity of the hospital. CMS is customized for various phases of hospital needs. It is having the following main modules: patient, pre-employment examinations and certificates.

**Responsibilities**

Design and development of patient module. It addresses the appointment, registrations, and clinical notes, diagnosis based on ICD codes, vaccinations, prescriptions and referral information.

Generating reports related to patient module.

Taking care of maintenance.

**Project Title :** **TEXPRO Dec 09 – Feb 10**

**Tools Used : C#, WPF[UI].WCF,Sql, VSTS Platform : windows**

Description : TEXPRO –The Total Administration software for Textile industry. It maintains the financial systems, Inventory managements and HR department.

**Job responsibility** and design the UI and creating the coding for the requirement into the software.

**10/08 - 05/09. REDCHIP Solutions, Pune, MH ( Sr. Software Techie- Individual Contributor)**

**My Responsibilities:**

Responsible for Develop and Deliver the project.

Adhere to deliver the tasks to on schedule and meeting client’s expectations of quality, time and within budget.

**Project Title : Dual Proof Nov 08 – May 09**

**Client : SOMITRACK, United Kingdom**

Tools Used : **.Net C#, VB,MS Access, HP RTL, HPGL/2, Platform : Windows**

Description : Dual Proof is that used in the prepress industry, It gets the input and converts and prints the jobs without manual comments. **Writing codes for convert the raw files into the Image files, write codes for print engine** for high speed and impression printers.

**06/04 - 10/08. INFRA Control system****Tirupur, TN(Sr. Software Engineer)**

INFRA Control system provides customized software development and print solution for the domestic and International clients.

During around 4 years of working at ICS, I worked on projects for client MASS, Australia., for its TWAIN devices applications and implementation; VV Minerals, Delhi., for their enterprise data processing.

**My Responsibilities:**

Worked in Project Leader role guiding the team of 3.

Engage team members to get timely reports for the **review/milestone** meeting. Organize such meetings.

Managed C++ code implementation in embedded environment.

Preparation and submission of the performance report.

**Project : Laptop Tracking System May 08 – Nov 08**

**Client : MASS, Australia.**

**Team Size : 3 Members.**

**Environment : C+** **+, SQL Server 2005**

Description It is an application of MASS to manage the information of Laptops which are issued to MASS employees. This application is providing the functionalities to manage the laptop stock, purchase, issues to employees and return information. While employee takes the Laptops in and out, the entry is monitored in the front office by scanning tags on the Laptops by using the scanner. This gives the nice security from laptop theft.

**Responsibilities**

Designed and developed the pages for laptop master, issues and returns and scanning pages and unit testing.

Scheduler to remind the employees regarding laptop return date.

Scheduler to remind the admin regarding relieving employees who are having laptop.

Report for untracked laptops and issue and return detailed report.

**Project Title : Online Management System (Onman) Feb 08 – Apr 08**

**Tools Used : Asp.Net, C#,WEB SERVICES, Oracle, MVC**

Description : Onman –Is the software for Administrate the schools in the remote location.

**Job nature** **design the UI and creating the coding** for the requirement into the software

**Project: FAS** **May 05 – Jan 07**

**Client: V V Minarels, Pondicherry**

**Tools Used : C++,WINFORMS, VB, Oracle-8.0, Windows.**

Description :The purpose of the developed system to maintain the voucher details of the books of the different accounts on several distinct sections. It has been designed with an intention to completely automate the maintenance of the books. User-friendly screen designed in Form 5.0 facilitates the entry smoothly with certain validations and monthly reports taken using Report screen designed in Reports 3.0.

Role: **Designed Forms and Reports of the system.**

**09/2000-05/04. Global Village (Sovereign Invotech India Pvt. Ltd.,), Coimbatore(Faculty C/C++)**

My Responsibilities:

Responsibl**e** for taking classes, administrating Lab and guiding student projects.

**Personal Information**

Father’s Name : U.S. Ramalingam

Sex : Male

Marital Status : Single

Date of Birth : 23-02-1980

PAN : AEZPV7663K

Passport No : P8176025 (Exp Date : 22-02-2027)

Present Address : Last House 1st Main 3rd Cross, Rajeshwari Layout, Akshaya Nagar, Bangalore - 560016

Permanent Address : 161 D East Street, Nehru Nagar, Rangasamuthiram, Sathyamangalam – 638402 TN