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| #1, 2nd Floor, 2nd main | Phone: +919742290385 |
| Nanjappa Layout, Adugodi, Bangalore-560030 | Email: senthil100384@gmail.com |

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| SENTHILKUMAR KUMARASAMY |

**Job Objective**

C, C++, COM, C# and Windows Installer developer position to utilize my advanced technical knowledge, potential skills and experience to streamline, develop and troubleshoot various applications.

**Professional Strengths**

C, C++, COM, C#.Net and Windows Installer programming skill and experience

Experience in developing OPC clients with (C++, C#)

Expert in working with various windows operating systems

Skilled in develop software for Health Care, Content Management and Alarm Management organizations

Familiar with work processes in the Alarm Management life cycle

Good in delivering output in less time without losing efficiency

Demonstrated ability to work multiple projects at once in a complex business environment. Able to operate in a diverse, virtual, and global environment

Excellent communications, writing, and interpersonal skills to interact with colleagues, customers and suppliers. Highly skilled in customer service.

Developed dozens of troubleshooting tools in windows platforms for alarm maintenance, rationalization and effective alarm help to reduce support costs by 10 percent.

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| **Academic Chronicle** |

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| **Degree** | **Board/University** | **Institution** | **Performance** | **Year of passing** |
| M.Tech, Software Systems | Birla Institute of Technology and Science, Pilani | Birla Institute of Technology and Science, Pilani | 8.98 CGPA | May - 2019 |
| B.Tech, Information Technology | Anna University, Chennai | Amrita Institute of Technology, Coimbatore | 70% | May - 2005 |

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| **Experience Summary** | | |
| **Name of the Company** | **Experience** | **Domain** |
| **L-CUBE Innovative Solutions Private Ltd** | Jun ’05 – Jun ‘07 | Health Care |
| **Ness Technologies (India) Private Ltd** | Jun ’07 to Aug ‘10 | Enterprise Content Management |
| **Honeywell Technologies Solutions Lab** | Sep ’10 to till date | Alarm Management, Automation & Control Systems |

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| **Technical Summary** | |
| **Operating Systems** | Windows VISTA/7/8/10 and Windows 2K 8/12/12 R2/16 servers |
| **Languages Known** | C, C++, VC++, WIN32, MFC, COM, ATL, INSTALLSHIELD, ISScript, WIX, C#. Net |
| **IDEs/Development**  **Tools** | Install shield, Microsoft Visual studio .Net 2017/15 |
| Source Code Management Tool | Perforce Visual Client, Visual source Safe, Clear Case, Bit bucket |
| S/W Development Methodology | Waterfall, Honeywell Iterative Process, Scrum |

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| **Work Experience** |

**1. DynAMo Alarm Management**

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| Project Title | Honeywell DynAMo Suite |
| Team Size | 12 |
| Role | Project Lead |
| Period | Senior Engineer from September 2010 – September 2012  Tech Lead from November 2012 – September 2017  Project Lead from November 2017 to till date |
| Tools /Technologies | Microsoft Visual studio.Net 2013/C#.Net, C++, COM, VB |
| Description | DynAMo is the industry leading advanced alarm management application, developed as part of the ASM (Abnormal Situation Management) Consortium research and development initiatives. ACM is a DCS-independent application that helps keep processes safe and profitable with an array of alarm system management features. With ACM, a site can capture and maintain a complete set of alarm rationalization data, detect and report configuration discrepancies as they arise, and dynamically enforce the engineered DCS settings as necessary. It has the capability to report the operator/supervisor/administrator with site statistics, bad actors and stale alarms to further do a rationalization on the alarms. |
| ****Highlights**** | Deployed Honeywell Alarm management Suite for Yokogawa Centum VP DCS along with the customization requested in Exxon Mobil, Singapore.  Resolved Alarm Management related issues reported as part of initial deployment and implemented the site specific automation requested in ADGAS, Abhu Dhabi.  Critical Integration issues between Alarm Manger and Delta-V been handled smoothly and resolved permanently in Marathan, Galveston.  Long pending System stability issue been reported by Marathan, Detroit.    Designed and implemented Reconfiguration of all alarm meta data to be in sync with DCS.  Developed Asset store in house to remove dependency with EAS Asset Store  Involved in various demos and requirement meeting with customers and stake holders.  Actively involved in design and development of different releases (4 Major and 28 minor releases) of DynAMo suite of products.  Created installers for custom utilities developed to resolve few specific customer issues and to improve support efficiency. |

**2. Livelink – DesktopLink, ExchangeLink**

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| Project Title | Windows Viewer, DesktopLink and Exchangelink |
| Team Size | 4 |
| Role | Sr. Software Engineer |
| Period | June 2007 - Dec 2009 |
| Tools /Technologies | Visual Studio 2003,2005/MFC and ATL COM |
| Description | DesktopLink is mainly used for archiving our desktop files easily and quickly to archive server. We can do this by drag & drop to Desktop icon or by printing to the specific Printer Driver. DesktopLinkuses the Livelink Imaging ODMAinterface, a specific variant of ODMA (Open Document Management API) and it is integrated into the Livelink Enterprise Archive Server.  Livelink ECM - Imaging ExchangeLinkarchives all object types which are supported by the Outlook Object Model. These are: Appointment, Contact, Distribution List, Document, Journal Item, Mail, Note, Meeting, Post, Remote Item, Report, Task, and Task Request Items. |
| ****Highlights**** | * Involved in maintenance and new feature development. Actively participated in 10 minor and 2 major deliveries * Implemented the fall back mechanism when cache server is not available. * ECR API conversion from C++ to C#. * Successfully regulated the URL formation for various scenarios. * Successfully created the installer (MSI) based on WIX framework which shall be upgradable from previous versions and resolved all installation related issues reported. |

**3. Installer Migration from Installshield to WIX**

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| Project Title | MSI Creation in WIX |
| Team Size | 2 |
| Role | Sr. Software Engineer |
| Period | July 2009 - August 2010 |
| Tools /Technologies | InstallShiled, Votive, Visual Studio 2008/WIX,C++ |
| Description | All our Installations are based over InstallShiled. Windows Installer XML is open source framework provided by Microsoft to create Microsoft Installer. Existing Installations generation needs to be migrated from InstallShiled to WIX framework. |
| ****Highlights**** | * Started from scratch and leaded all the development activities * All Installations (4 Products MSI) has been migrated to WIX framework and it is available in market now. |

**4. Scanning and Faxing Application**

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| Project Title | Mailbin, Faxbin, ActiveX controls |
| Client | PrimeCare Associates, CT; CPC Associates, WT |
| Role | Software Engineer |
| Period | June 2005 - Jun 2007 |
| Tools /Technologies | Visual Studio 6.0, Borland Editor/Win32 Programming with C, VC++, COM, ActiveX controls, XML, XSL Transformation |
| Description | Mailbin: This software is used by US doctors to scan prescriptions, checks, PR forms, EOBs, Superbills, other charts information about patients and convert those scans into tiff format upload them to designated FTP servers for our billing operations. Application used Twain SDK for Scanning.  FaxBin: This software is used by our client to send and receive faxes about prescription, Patient Info, Insurance Info, Discharge Summary, etc., to and from the corresponding organization or patient. Received faxes are stored locally for backup purpose and uploaded to the server to view globally. During send operation it will convert the html files to tiff files. In both operations it will call corresponding ASP or JSP pages to update the status of faxes in Database.  PcareImage ActiveX: ActiveX control mainly dealt with Image  scanning, Scribbling over Images, Image operations like Zoom  in, Zoom Out, Rotate and Printing etc., |
| ****Highlights**** | * Traverse and Display the Tiff by entering the Tiff name * Unique name generation for Scanned Tiffs * ASP or JSP Page Invocation for Report Generation * Scan Documents in Duplex Scanner * Provided support for scanning Color Image * Introduced stamps (customizable) on images * Print all images from various categories in chart centre * Dialing Rule Implementation * Outgoing Fax Status Checking and Reporting. * Developed utility to monitor the state of an executable * Extended the application compatibility with Https   Requests |

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| **Secured Awards** |

* 2 Technical leadership, 12 Spot Awards, 4 Partner Award, 2 Quarterly award
* Award for Team Excellence
* Secured School 1st in SSLC (10th standard) and HSC (12th standard)

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| **Personal Information** |

**Father’s Name** : Kumarasamy.S

**Date of Birth** : 10/03/1984

**Sex** : Male

**Marital Status** : Married

**Nationality** : Indian

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**SENTHILKUMAR K**