pay rate 55 hr on w2 name jagadish parthasarathy experience 13 years phone 404 713 2641 e mail jagadishbharath yahoo com last 4 digits of ssn 3585 date of birth 06 20 location princeton nj relocation yes skype id jagadish parthasarathy visa status green card availability immediate summarytc summary seq chapter h r 256over 12 years of full lifecycle software development experience in client server winforms web based webforms object oriented applications utilizing gui and relational database technologies expertise in c c vc 5 0 6 0 mfc atl com ado net visual c java 1 2 jdk 1 2 rmi servlets vb net asp net sybase ms access 97 2000 nt win 98 95 and unix box platforms socket programming tcp ip win32 multi threading programming interprocess communication ipc process control experienced in converting the business requirements to technical specifications extensively used uml with rational rose vizio for design strong experience in design patterns to provide solutions for various software life cycle problems using singleton facade abstract factory adapter and bridge patterns experienced in business analysis requirement definition design construction debugging implementation enhancement of existing system and database design support experience in developing and consuming wcf services tcp ip rest http web services and windows services using net c framework atl com expert in developing applications using xml xsl xslt and css for rich presentation layer solid experience in mts com com dcom soa for developing the interfaces for distributed applications experience in writing stored procedures functions triggers using sql server 2000 2005 2008 and oracle 8i 9i 10g extensive experience in t sql pl sql sql loader utility and ms access experience with dot net frameworks like entity framework unity nunit and prism excellent working experience in designing and developing complex reports using crystal reports 7 5 8 5 10 xi and ssrs proven record of success with complete project life cycle in the design development and implementation of software applications using object oriented technology good working experience with database design normalization procedures performance tuning agile and software development life cycle sdlc hands on version control tool like vss tfs rational clearcase dimension motivated self driven team player with excellent inter personal communication and written skills excellent problem solving analytical and trouble shooting capabilities technical skills web technologies c asp net 1 1 2 0 3 5 ado net http html isapi nsapi ado xslt java jsp gui visual c mfc visual c install shield visual studio 5 6 0 2002 2003 2005 2008 2010 2012 rdbms ms sql server 6 5 7 0 2000 2005 2008 oracle 8i 9i 10g sybase computer languages c c c sql pl sql java vb net networking tcp ip sockets operating systems windows nt 3 5 4 0 2000 2003 windows xp windows vista unix aix tools uml rational rose ole com dcom modeling tools rational rose microsoft visio 2001 2003 reporting tools crystal reports 8 0 9 10 xi ssrs version control tfs ms visual source safe pvcs serena dimension web servers iis 4 0 5 0 6 0 frameworks entity unity prism nunit domain healthcare insurance trading telecommunications certifications mcp developing and implementing windows based applications with microsoft visual c net and microsoft visual studio net career accomplishments client xerox transport solutions inc somerset nj feb 2015 till date project asd septa role sr developer environment c dot net 4 0 4 5 wpf mvvm prism visual studio net 2010 c stl sql server 2008 svn entity framework the purpose of asd septa south eastern pennsylvania transportation authority is to perform sales of fare media and products to septa customers as well as provide customers with the account management services the application is based on wpf with mvvm architecture and will allow its operator to vend product on lum and smart media as well as allow the customer to add products to the previously created account it will allow customers to purchase daily and monthly parking spots as separate types of products every sales transaction is stored in the local database and is uploaded into equipment services at the end of sales period payments can be paid by any approved npt system payment types including cash credit cards debit cards and transit benefits responsibilities created wpf ui screens to update customer demographic information created sequence diagrams and others for new enhancements in co ordination with the business team and the web services team designed developed parking functionality ui in wpf to the existing flow to allow purchase of parking spots for septa patrons using solid design principles improved performance of the application enhanced the pre processor application to handle new tariffs including parking created reports for transactions including parking products transactions fixed various bugs in the existing applications like cash register eft device in c client siemens healthcare diagnostic flanders nj aug 2012 dec 2014 project trinidad role sr developer environment c dot net 3 5 4 0 wcf wpf mvvm vc mfc visual studio net 2010 tfs enterprise architect message pack agile nunit unity container linq trinidad is the internal project name for the development of the unified siemens platform the unified siemens platform analyzer family is designed to serve customers from low to very high volume chemistry immunoassay and integrated testing trinidad is a modular platform design with common infrastructure that consists of process control manager and two types of analytical modules immunoassay and clinical chemistry the process control manager consists of the following units a sample handler planner and vessel mover manager the project uses tcp web services soa for communicating between the various modules responsibilities created wcf web services tcp ip for sample handler to communicate with the modules like planner vmm and system instrument manager sim involved in design and architecture layered of sample handler module along with its various components using solid architecture and well known patterns components are dependency injected using unity container implemented c threads and thread safety mechanisms in the components like state manager scheduler and puck manager etc created wrapper classes wcf services to handle communications with the sim module designed and developed state change and notification mechanisms for sample handler with sim designed and coded error handler module in c created ui win forms for the sample handler activities with other modules created tcp sockets in c to communicate with the underlying layer the controller to handle various commands like picking placing the samples to the puck and control storage created c sockets mfc for controller dml to receive commands and execute robotic arm movements by using device drivers api com code review of controller vc code involved in the architecture and coding of ui for event viewer application done in c wpf with mvvm architecture for showing the responses errors from all other modules client tmg health scranton pa apr 2011 aug 2012 project atlas 1 0 role sr developer environment c dot net 4 0 wcf visual studio 2010 sql server 2008 xml xsl xslt tfs soap ui 2 0 agile nunit linq resharper entity framework atlas is a new project organized to design develop and test the initial release of government healthcare transaction processing system atlas 1 0 is an innovative system built to automate the complexity of government healthcare management by providing a comprehensive transaction processing solution the project will deliver greater speed and accuracy while supporting conformance with regulatory requirements this project uses cloud computing methodology which uses bpms rules engine that calls the restful services wcf data services and gets the data from sql server database atlas has modules like auto enrollment billing customer service including part d enrollment including plan changes etc responsibilities created restful wcf c web services for encapsulating the business logic for enrollment member info etc to be consumed by pega bpms layer using soa designed and developed the configurable libraries and components in n tier using patterns which includes exception handling and auditing logging to flat files and databases using entity framework created complex sql sp s for cms centers for medicare and medicaid services and batch eligibility criteria for the client to be used by wcf data services development involved in the prototype proof of concept of various atlas components created config c winforms based application for configuring roles task scheduling and other config managements implemented delegates in c to communicate between user controls and parent screens tc work experience client comcast philadelphia pa jun 2010 mar 2011 project buyflow administration role sr application developer environment c dot net 2 0 3 5 ado net ssis ssrs sql server 2008 xml xsl xslt tfs soap ui 2 0 agile nunit linq developed web pages in asp net for retrieving pricing based on locations for comcast web site also involved in epic which is a c admin client server application which was developed for configuring pricing information promotional info and other detail pertaining to the offers at market level epic also harvests and publish the offers in the admin module through ui screens these offers are saved into the database and published in the night as a batch program this is done based on the configuration of the markets the configured offers are also published for the markets dot com team uses these info online for placing orders responsibilities added features and webforms for buy flow in comcast com designed and developed the application in n tier which includes business layer data access layer data layer exception handling auditing logging and ui components implemented win forms in c for publishing offers using background thread calls created sp s in sql server for fetching and updating the cached offers for epic developed complex sql queries for displaying the data as reports developed wcf component for encapsulating the business logic for harvesting the offers developed ssis packages for migrating configuration data from one data source to another and creating logs developed ssrs reports for viewing the status of the migrated data as well as logged exceptions developed screens in c to encrypt decrypt connection strings to be used by the ssis package tc work experience client aflac columbus ga oct 07 jun 2010 project client payment system role sr application developer lead developer environment visual studio net 2008 c visual studio net 2005 ado net xml xsl xslt dot net 2 0 3 5 dimension soap ui 2 0 linq claims payment system is an existing c based client server application which gets information about the insurers policy information claims processing etc from a mainframe database through existing comti a wrapper for web services this has to be converted to soa using c the results are fetched from web services exposed by various technologies and the data is converted as xml strings and displayed in the ui also for btm developed new ui screens in c and claims payments calculations were made easier by making the user answer some criteria based questions if need be responsibilities developed winforms in c for btm benefit table management for maintaining benefit data for a set of benefit code plan code form code etc in 3 5 2 0 prototype and 1 1 framework implemented facade design pattern while switching from the existing comti application to web services based approach developed components in c which encapsulates business logic used xml dom and xslt to transform the results from web service into the format needed by data layer used composite pattern to design and develop a custom xml comparator tool to log errors by comparing xml from new module soa with the xml from existing comti application performed complex front end validations and made the flex grid behave like datagridview wrote complex t sql stored procedures on translation related tables as part of performance tuning by removing orphan records implemented cache module in atl com vc for caching the complete translation table on web server to minimize hits to the database which increased the performance of page load created wcf services for maintaining criteria benefit table data and override functionality update claims data display to dynamically calculate benefit amounts based on user inputs and update sql server 2005 database code review for standards performance memory management resolved production defects and bugs project awes role sr application developer lead developer environment visual studio net 2008 c dot net 3 5 ado net dimension sql server 2008 ssrs adept sql the aflac web enrollment system awes is a thin client application that was initiated in response to aflac s need to accommodate the large payroll account market s desire for online benefit enrollment this system provides enrollment tool to accommodate large accounts and hosts the system internally to eliminate future contract concerns it also leverages effort to build and maintain forms rates edits and rules within smartapp by building a common engine that aes could also access responsibilities created and implemented webforms for auto release functionality used sql server reports to view the applications submitted by workflow specialist created and consumed wcf services in c to allow awes bridge users to invoke auto release functionality developed components in c which encapsulates business logic updated error handling mechanism in create scripts by using transactions when new products are elevated code review for standards performance memory management used serena dimensions for source code version control resolved various issues and provided post production support client bellsouth atlanta ga jun 06 may 07 project portal web site sports enhancement role sr consultant environment visual studio net 2005 asp net c stl html ado net java script vss vc xml xsl xslt sql server 2005 dot net 2 0 isapi nsapi bellsouth portal is a web based application http home bellsouth net which is the main entry for all web based bellsouth internet web site the main application uses html java script for presentation ui and c dll s for server side with isapi nsapi with sql server as back end the web pages were developed for sports like baseball mlb football nfl and security downloads for tools data from the agencies in the xml form are stored in the database retrieved and formatted with xslt all the clients information about e mail accounts downloads and other info can be logged through this application the information regarding such downloads are accessed by web forms in security module was developed using asp net c from the module the users who have not downloaded installed the services like anti virus anti phishing but paid for can be contacted responsibilities developed webforms using isapi nsapi for pulling the information regarding the subscribed users developed and designed web screens using c with oledb for database transactions development of dlls in vc for developing web pages for sports like mlb nfl with data from xml s and transforming them to web pages through xslt s developed dynamic keys with c mfc classes to handle the various sports module created tcp ip sockets connections to poll to external systems to get and update the info about the game updates also developed scan and download security download for clients this involves authentication of clients written and consumed web services in c for user authentication code review for standards performance memory management load balance testing of web based applications built and deployed the product resolving production issues and defects client mediware information and system inc oakbrook il july 05 june 06 project hcll donor transfusion role consultant environment visual studio net 2000 dot net ado net c vc atl com dcom sql server 2000 erwin install shield microsoft visio uml the hcll donor is dot net based winforms application using c which is used by clients for storing information about the donors into a health care unit added capability of checking for isbt bar code enhanced in the donor screening input form the transfusion application is a com based application which the clients use for transfusion of blood products like blood plasma etc the printing process of transfusion reports used to be slower as the reports are queued this was replaced by multi threading to give the user control as soon as possible without waiting responsibilities created winforms in c for checking the isbt bar code validation viewing the transfusion reports etc developed components in c which encapsulates business logic developed class and sequence diagrams for these used ado net for database interactions created windows services in c for blood availability to other blood bank operators used crystal reports to develop reports in both applications responsible for upgrading the application to crystal reports versions 9 10 and xi in the both the applications replaced batch processes by triggers which call the com components in sql server 2000 involved in build process by creating sql scripts enhanced by various developers developed objects in com using vc atl environment for printing using multi threading fixed various bugs in both the applications involved in code review of other developers assisted in training the actual users blood bank operators version controlling application code using vss siemens information and systems bangalore india aug 03 may 05 project charge capture module role developer environment java j2ee jsp servlets jbuilder xml sql server 2000 stl rational rose uml web spheretc charge capture module during the course of an operation various items are used these items have to be billed to the patient the ui deals with the capture of all charges involved in the operation like consumables technician s services hourly rate and disposables etc the concerned surgeon anesthesian associates have to enter the information and save it which will be used while billing for the patient tc during the course of an operation various items are used these items have to be billed to the patient the ui deals with the capture of all charges involved in the operation like consumables technician s services hourly rate and disposables etc the concerned surgeon anesthesian associates has to enter the information and save it which will be used while billing for the patient responsibilities developed user workstation preferences gui using jsp j2ee designed and implemented the clinical module using servlets developed components in java which encapsulates business logic designed developed and tested the application using java development of bean using java with back end sql server 2000 com is used for the exposure of its functionality to host applications and other components developed add in tools for generating code from rational rose used agile software development environment methodologies for this creation of xml parser component project orms event listener role developer environment vc 6 0 atl com mfc sql server 2000 stl install shield rational rose hl7 events are raised by external healthcare applications these events are captured by an application called openlink the orms event listener is a nt service which receives the event from the openlink by subscribing to it these events are processed validated and saved into database the application also logs an error message in case of wrongful data responsibilities designed developed and tested the application using vc with odbc connectivity to the back end involved in designing fully responsible for the development of the client program involved in com object development involved in ccb change control board discussions for incorporating changes developed dll using atl which provides different functions involved in preparation of unit test cases education bachelor of engineering mechanical psg college of technology coimbatore india