

SOFTWARE ENGINEER

Summary

To seek a challenging career in a professional organization providing new horizons and excellent working environment where potential can be actually optimized.

Experience

04/2015 to 06/2016

Software Engineer Foot Locker

- Since Aug 2012 working in Bank of America Prime Brokerage Services as production application enhancement and business support.
- Work involves to development of automation of clients reporting, automation of system monitoring, PTSG trades capture from multiple exchanges and processed them in to Prime System, handling business request for order's/trades booking and settlement processing in system Collateral Management Services as production applications enhancement and business support.
- Work involves to development of automation of clients reporting, automation of system monitoring and interact with business user to handling day to today's business queries for ALGO Collateral and work flow processing.
- 4.5 years of development and support experience of TCS Financial Product -Electronic Brokerage systems (EBS), the flagship product for Securities Trading - involves multi-platform communication, multi-threaded architecture, database access, and UNIX Network Programming, UNIX IPCS and FIX 4.2 protocol.
- 8 Month experience for Nomura and Pershing implementation and application support at client place Saudi American Bank Riyadh Saudi Arabia 2.3 Years work experience in Parametrix Technologies Pvt.
- Ltd, Navi Mumbai as.
- Work involves development (coding) on Client place Kotak Securities Pvt.
- Ltd.
- Worli (W) Mumbai for the module of Kotak Securities as well as Kotak Commodities on line trading application (ITMS), entire module is constructed using CGI C/C++ with databases DB2 and Sybase.
- One Years experience in Asian IT Groups, Mumbai as Software Engineer.
- Work involves development (coding) of Arc Mentor instant messaging archiving server entire module constructed C /C++/Linux multi-threaded architecture, database access and UNIX Network programming.
- Onsite Experience: 2 years' Onsite experience of Bank of America, Prime Brokerage Services and Collateral Management Services as production application enhancement and business support.
- Work involves to development of automation of clients reporting, automation of system monitoring and interact with business user to handling day to today's business queries for ALGO Collateral and work flow processing.

02/2011 to 07/2012

Duration Team Lead

- Design and develops for Order Instruction Slice (OIS) components for Price based sliced orders.
- Price Quantity based sliced orders.
- Time based sliced orders.
- Exchange Volume based Slice Orders.
- Integration of OIS component to TCS Bancs ST Product.
- Converted tick by tick market feed from exchange to OIS component based on these feed volume sliced rules are generated for for triggering volume based sliced orders.
- Unit Testing.
- Unit Testing.
- Performance Analysis of the System
- Tools/Solution Environment HP UNIX, Oracle 11g, GDB, C/C++ (STL), Socket, Multithreading, Pro*C, FIX 4.2 Projects#4 TCS Model Bancs Securities Trading System is a broking suite of products comprising of the order routing system and the post trading system or the clearing and settlement system (TCS Model Bancs Securities Trading) for the securities and capital market based on stock exchange simulator.
- Project/Assignment TCS BaNCS ST (MODEL BANK) Customer TCS Internal Work Location Bangalore Role.

04/2010 to 06/2010

Duration

- Application porting from of Solaris 10 to Linux.
- Implementation of NSE/BSE exchanges based on stock exchange simulator.
- Construct tick by tick market feed data to LED Ticker.
- Tools/Solution Environment Linux, Oracle 10g, GDB, C/C++, Socket, Multithreading, Pro*C.
- Projects#5 TCS BaNCS - Securities trading is a multi-asset and multi-market trading solution offering complete integration between fronts ends, back-offices and real-time risk management.
- TCS BaNCS - Securities trading supports various business models such as institutional, retail, bank- broker and financial superstore.
- It is a low latency trading solution providing order management, execution management and integrated market data.

Education

2004

Master of Science : Computer Applications Institute of Manage Studies - City , State , India

Accomplishments

- Project/Assignment SAMBA-TCS BaNCS ST - Offshore Customer Saudi American Bank Role Team Member Duration April 2008 to Mar 2010 Responsibilities Application development for sell side and buy side.
- Reuters/Nomura certification for buy/sell side on FIX 4.2 Pershing certification for Equity/Derivative on FIX4.2 Derivatives development for US markets Developing logging utility based on shared memory logs level.
- Handle application errors for robustness and the system crash.
- Data/Message recovery based on TTL (time to live.) Auto recovery of processes on crash Auto recovery of processes on oracle errors Configurable System Monitor which mails to concern persons for component failure Log Rotation configuration.
- Tools/Solution Environment Sun Solaris 10, Oracle 10g, DBX, C/C++, Socket, Multithreading, Pro*C, FIX 4.2.
- Project/Assignment ATM/IVR Customer Saudi American Bank Role Team Lead Responsibilities *Interaction with client for requirement analysis.
- Development of ATM/IVR API for trading through the ATM/IVR channel.
- Development of IVR Client Component.
- Integration of ATM/IVR API with TCS BaNCS ST.
- Unit Testing.
- Performance Analysis of the System
- Tools/Solution Environment Sun Solaris10, C/C++, Socket, Multithreading, Pro*C, Oracle 10 g, PL/SQL.
- Project/Assignment Advance Trading Customer Saudi American Bank Role Team Member Responsibilities *Design and develops for Advance Trading components.
- Integration of Advance Trading component to TCS Bancs ST.
- Converted tick by tick market feed from exchange to Advance trading Rule Engine, based on these feed Rules are generated for triggering the Advance Trading Orders.
- Unit Testing.
- Performance Analysis of the System
- Tools/Solution Environment Sun Solaris10, C/C++ (STL Containers), Socket, Multithreading, Pro*C, Oracle 10 g, PL/SQL.
- Project#6 This Software "On Line Trading for Commodity" basically a web based on line trading site.
- The product aims at huge corporate clients wherein it acts as an Online Trading for Commodities (NCDEX/MCX) Future and Derivative Contract.
- Project/Assignment On Line Trading for commodities for multiple ITMS Customer Kotak Securities Pvt.
- Ltd Work Location Mumbai Period Dec 2005 to Feb 2007 Role Team Member Responsibilities *Design and development of web base internet trading application for NCDEX and MCX commodity market.
- Developing logging utility based on log levels.
- Risk Management Handling exchange responses Exchange Broadcast Capturing Trade capture Tools/Solution Environment Windows 2000, DB2 8.1, Sybase, C/C++, socket programming Project#7 On Line Trading for Securities for multiple ITMS".
- The product aims at huge corporate clients wherein it acts as an online trading for securities for NSE/BSE stock exchanges equity and derivative contract.
- Project/Assignment On Line Trading For Securities for Multiple ITMS Customer Kotak Securities Pvt.
- Ltd Work Location Mumbai Period Mar 2007 to Feb 2008 Role Team Member Responsibilities *Design and development of web base internet trading application for NSE and BSE stock exchange.
- Developing logging utility based on log levels.
- Risk Management Handling exchange responses Exchange Broadcast Capturing Trade capture Tools/Solution Environment Windows 2000, DB2 8.1, Sybase, C/C++, socket programming Project#8 Akheron Instant Message Archiving Server is based on open source code programming used in pcap library .The working functionality of pcap library to sniff data packet to the network through Ethernet interface card.
- The Akheron Instant messaging Server is used to archiving data packet (Message) within organization between two or more user .This is basically data monitoring software which is used data archiving of public IM, like Yahoo, MSN, ICQ and AIM.
- Project/Assignment Arc Mentor" a Public Instant Messaging Archiving System Customer Asian IT Group Work Location Lower Parel Mumbai Period Jan 2005 to Dec 2005 Role Developer Responsibilities *Developed the Arc Mentor Sever component for Yahoo, MSN, Gtalk, ICQ, AIM.
- Tools/Solution Environment Linux (Mandrake 9.2), C, socket programming, MySQL My Achievements IBM DB2 v7.1 Certified Professional (User Level) Area of Interest Software Development.
- Network Socket Programming.
- Internet Application Programming.
- System Programming.
- Database Design Production Applications support and Application Enhancement.

Personal Information

Date of Birth : 15th Sep, 1979. Father's Name : Shri Ram Bahadur

Languages

English and Hindi

Skills

ALGO Collateral, automation, C, C++, CGI, Commodities, Client, clients, databases, database, English, Financial, Hindi, DB2, Instruction, Linux, market, Mentor, messaging, access, Exchange, Network, Oracle, order management, Performance Analysis, Prime, Pro*C, coding, Programming, real-time, reporting, retail, risk management, routing, Securities, Software Engineer, Solaris, Sybase, Trading System, UNIX, HP

UNIX, work flow

Additional Information

- Personal Information Date of Birth : 15th Sep, 1979. Father's Name : Shri Ram Bahadur
- Positive Trails : Flexible enough to work in high Pressure and at any time. Passport : K4816706. Visa Type : H1B Date: Sanjai Kumar
Place: Sign Page 8 of 8