GOPI
Software Developer

CAREER OBJECTIVE

Keenly interested in challenging and creative assignments, which will enable me to sharpen my skills and make me competent enough to excel in the field of software design and development of software systems while utilizing my experience in developing application software. Special interest in Object Oriented Techniques

Education

B.Tech (EEE)	2019
Vignan's Lara Institute Of Technology & Science, Vadlamudi.	
Intermediate (MPC)	2015
Sri Chaitanya Jr College, Guntur.	
SSC	2013
PMC High School, Guntur.	

Contact

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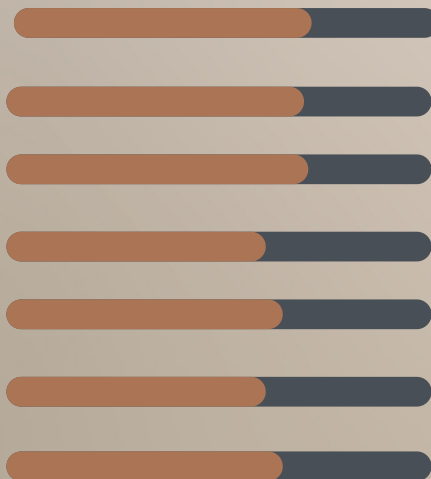
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Personal Skills

C++/C#

VC++

STL

DESIGN PATTERENS

DLL

MultiThreading

MFC, WIN32API

Experience

Company name	:	Unified Softech Pvt.Ltd.
Duration	:	Feb 2020 to till date
Location	:	Bengaluru
Designation	:	Software Developer

Professional Summary :

- Have 2.6 years of work experience as a Software Engineer in Window application's development using C, C++ , VC++,WIN32, MFC, STL and Multithreading.
- Hands on experience OOPS concepts.
- Have hands on experience in GUI(Graphical User Interface) designing using WIN32/MFC.
- Good Experience in designing of UI's using Dialog boxes and Custom Controls.
- Hand's on experience in providing solutions using Win32 SDK, MFC and STL like Vector, List, Map, Stack and Queue.
- Good knowledge in MFC Dll's.
- Good experience in designing and developing GUI applications and Designed and implemented dialog based as well as SDI/MDI applications using MFC Doc/View Architecture.
- Good knowledge on Agile Methodology on application development.
- I followed Software Development Life Cycle (SDLC) for Technical Documentation.
- Good experience on Multithreading and Synchronization objects like Mutex, Critical Section and Event
- Understanding user and functional requirements and developing GUI Components.

Project Details :

Project #2

Name	:	TLM Trad process management (TLM)
Client	:	SMART STREAM TECHNOLOGIES, LONDON, (UK)
Team Size	:	09
Duration	:	Jan 2021 to present
Environment	:	C++, VC++, MFC, Win32 API, Multithreading, STL, C++11, Visual Studio2015/2019,SQL Server 2012.

DESCRIPTION :

TLM Trade Process Management (TLM TPM) addresses the post trade allocation, confirmation and settlement needs of participants in the global securities markets. TLM TPM provides a massively scalable, highly flexible solution for the Middle and Back Office operations of buyside, sell side and custody firms to process the widest range of asset classes:
equities, fixed income, FX, money markets and derivatives.
TLM TPM supports the entire transaction lifecycle from the point of deal capture to allocation, confirmation, settlement and beyond.

MODULE3 :
collect&validate:

Trade Process Management collects and validates trades from multiple upstream order management and deal capture systems, then normalizes trade data into a standard internal representation.

MODULE2 :
Allocation&Confirmation:

TLM TPM manages the flows and business logic for each allocation and confirmation utility. Users can route trades through the appropriate process based on felxible rules that can vary according to asset class and counterparty preference.

MODULE1 :
Settlement status tracking:

TLM TPM tracks settlement status update messages received from the Custodian to ensure that the transaction remains on track. Where the messages indicate that a problem may have occurred an exception is raised. Where the custodian status update indicates that a problem may be about to occur, alerts can be raised to assist in pre-empting the exception.

Roles & Responsibilities:

- Instrument validation against to the Security Master Table, and raising the exceptions if validation fails, and providing the provisions to resolve a failing trades.
- Implemented Internal and External reference data source objects, to enrich the trade settlement process.
- Involved in the unit testing to carry the Confirmation and Matching via Omega CTM, Oasis Direct, and Oasis Global Direct channels.
- Debugging and Troubleshooting SWIFT, and Smarts tram proprietary structured message formats.
- Implemented various Document, and View objects for each trade position.
- Implemented settlement notifications for reconciliation.
- Implemented exception handling mechanism for SWIFT MT578 messages.
- Updated existing sales Document object like Quotation, order confirmation, Credit processing, Letter of credits, and Internal Warnings.
- Involved in client communication, designing and implementation of project.
- Testing of General settings, reports settings & sales/Billing configurations.
- Working on bugs across the modules and helping in testing.
- Confirm memory leaks with the help of internal memory leak detector tool.
- Wrote the test apps for various transactions, and evaluate the performance simultaneously.
- Worked on bug fixing and enhancements.

Project #1

Name	:	TLM Trade reconciliations premium
Client	:	SMART STREAM TECHNOLOGIES, LONDON, (UK)
Team Size	:	09
Duration	:	Feb 2020 to Dec 2020
Environment	:	C++, VC++, MFC, Win32 API, Multithreading, STL, C++ 11 Visual Studio 2015/2019.

DESCRIPTION:

TLM Reconciliations Premium services the buy-side, sell-side and corporates, with best practice packages to cover all types of reconciliations. TLM Reconciliations Premium is driven by rules and workflows. It makes use of pre-configured models validated by clients and supports industry best practice, facilitating rapid implementation. A full audit of all lifecycle progression is captured automatically and can be viewed, in real time, through user dashboards.

Role and Responsibilities:

- Implemented View Objects to track the current status of all reconciliations.
- Implemented Dialog, and View screens to offer a series of dashboards to business users. So, users can view and interrogate all real-time and historic data from the reconciliation repository.
- Modifications to the TLM exception management rule book.
- Implemented View objects to monitor any exception at the trade level, combining all transaction activity and presenting both cash and securities.
- Worked with User Information System, creating and changing users and assigning users to roles.
- Generated and maintained authorizations and authorization profiles based on existing roles.
- Implementation of Profile Generator tool to generate roles and assign roles to end users.
- Analyzing authorization problems/errors and implementing appropriate solutions.
- Wrote many tests cases-based roles & authorizations.
- Worked on investigating SoD conflicts against to the Role→Authorizations.
- Prepared impact analysis documents for Critical Authorization objects, and SoD Monitoring.
- Coding of MFC worker threads for SoD Monitoring.
- Worked on bug fixing.

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