PRAVALIKA B

C++ DEVELOPER

CONTACT

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SKILLS

▶ **C/C++**

▶ **STL**

▶ **MFC**

▶ **WIN32 APIs**

▶ **MultiThreading**

TOOLS

▶ **VISUAL STUDIO 2019**

▶ **Tortoise SVN**

▶ **Git/GitHub**

A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

WORK EXPERIENCE

- Organization : Solubix Technologies Pvt Ltd
- Duration   : 2020 to Till Date
- Location   : Bangalore
- Designation   : Software Developer

EDUCATION

B.TECH (EEE) | 2015 – 19 | 70%
- JNTUK University :
    Chalapathi Institute of Technology (Guntur)

INTERMEDIATE (MPC) | 2013 – 15 | 74%
    A.P.S.W.R.S JR COLLEGE (V.P.SOUTH)

SSC |2012 – 13 | 87%
    A.P. Residential School ,   Kavur ,   Guntur

PROFESSIONAL SUMMARY

- Having 3+ years of Technical Expertise in IT Industry with experience in providing solutions using C++, VC++, WIN32, STL and Multi-Threading.

- Good Knowledge in STL Containers vector<>, list<>, map<>, set<>, iterators and Algorithms..

- Hands-On Experience in the implementation of OOPS Concepts (Abstraction, Encapsulation, Inheritance, and Polymorphism), and followed SOLID Principles.

- Hands-On Experience in Modern C++ Generic Programming (templates, lambdas, functors, concepts)

- Implemented various design patterns like singleton, factory, abstract factory, observer, and chain of responsibility in GUI events.

- Good knowledge in MFC Framework Message Map Architecture, and Command Routing in Doc/View Applications.

- Extensively followed Agile Methodology and Scrum Process in software development.

- Good knowledge in memory management, and widely used Smart Pointers unique_ptr, shared_ptr, weak_ptr, and Move Semantics.

- Good Knowledge in Component Object Model Inproc/Outproc servers.

PROJECT DETAILS

- Project Name   : Corporate Action

- Client   :   Northern Trust Corporation, Chicago, illinois

- Role   :   Software Developer

- Team Size   :   09

- Environment   :   C,C++11,MFC,WIn32,API's,VC++,COM,
                                  Multithreading, STL, Visual Studio 2019,Git Hub
                                  ,Git, SQl Sever 2012

PROJECT DESCRIPTION

Corporate Action Group is responsible for verification, settlement, and life cycle event processing related corporate action and dividend events in client accounts. In addition, oversight of the Corporate Action Group core functions will include daily inter action with shared service teams responsible for security master management, OTC derivatives, fixed income and foreign exchange trade processing, trade capture, clearing and settlement, relationship management, custody services and break reconciliation

ROLES AND RESPONSIBILITIES

- Implementation of Taxable & Tax Free Exchange for securities.
- Processing a Stock Split & Spin Offs for different types of Multiple Funds & Individual Funds.
- Implemented Convertibility feature of some bonds(common stocks) and preferred stocks.
- Responsible for managing a Corporate Actions/Dividend steam within the Hedge Fund Services.
- Carries out activities that are large in scope, cross-functional and technically difficult.
- While developing business objects, I implemented Abstraction, Encapsulation, Inheritance and Polymorphism concepts. and SOLID principles,
- In C++ 11 features like smart pointers(unique_ptr, shared_ptr, weak_ptr) and STL containers like(vector, list, map, set), iterators
- UI screens modified in stock dividends.
- Validating the trades and corporate actions received from Front Office system to Back Office application.
- Maturity Transactions for fixed income bonds .
- Bonus Issue-Short Sale transaction implemented.
- Running the reports; Daily reconciliation of stock and cash positions with custodian's report.