Yugandhar Babu

C++ 14

Expertise Skill

- C++ 14
- MFC
- VC++
- C# 9.0
- Agile Methodology

Education

- 2017-2020
  Degree(BSc.Computers)
  Rayalaseema University,kurnool.

- 2014-2017
  Intermediate(MPC)
  K G R Jr College, Banaganapalli.

Work Experience

- Software Developer

  Sorcfyr Solutions Pvt Ltd (Bengaluru) |
  Aug 2020 to preset.

  - Developed Modal/Modeless UI
    screens using MFC framework
  - updated existing C++ backend code.
  - Bug fixing and team player as part
    of scrum team.

About me

Result focused individual with a string understanding of software development and Modern C++ desires to work as a software engineer with Sorcfyr Solucations Pvt Ltd Company. to effectively handle development and maintenance role

Contact Me

📞 91+9346290577

✉️ yugandharbabu1112@gmail.com

Professional Summary :

- Having around 2.5 years of development experience in C, C++, VC++,Win32API, MFC, STL , under Windows Environment.
- Hands On Experience in C++11 Coding, using Move semantics, functions , lambda expressions, smart pointers (unique_ptr , shared_ptr , and weak_ptr).
- Good knowledge and experience in GUI development and worked on Modal/Modeless ,Dialog Boxes.
- Involved in developing Static and Dynamic Link Libraries using Win32 APIs and 'C' language.
- Hand's on experience in providing solutions using Win32 API, MFC and STL like Vector, List, Map, Stack and Queue.
- Some professional experience in VC++, MFC and Windows GUI programming.
- Good knowledge on Agile Methodology on application development.

Project Details :

Project	: WILSHIREAXIOM THE INDUSTRY STANDARD IN FIXED INCOME ANALYTICS
Client	: WILSHIREAXIOM.
Team Size	: 15
Role	: Software Developer
Bug Tracker	: Case Tracker
Libraries	: Win32 API, MFC.
Source Control Tool	: Visual Studio 2019.

Project Details :

The Wilshire Axiom global fixed income portfolio management solution delivers an Integrated platform for analytics, risk management and performance attribution. Since 1972, Wilshire Associates Incorporated has delivered solutions to portfolio managers for analytics, performance attribution and risk management. For more than 20 years, Wilshire Axiom has been one of the world's leading solutions in fixed income analytics, performance attribution, risk management, portfolio optimization and scenario analysis. The Wilshire Axiom Fundamental Risk and Characteristics System include the following features.

Modules :

Wilshire Axiom Scenario Analysis :

- Calculate portfolio return and multiple portfolio statistics (durations, yields and more) through a future horizon date under hypothetical changes to term structures of interest rates, spreads, exchange rates, prepayment projections and volatility, default and recovery rate assumptions
- Stress test portfolios and benchmarks based on custom yield curve shifts, currency movements and spread changes, detailing security-level and aggregate effects.

Wilshire Axiom Optimization :

- Manage both passive and active strategies
- Selects from more than 300 data items for Screening Candidates and 50 constraints to define the Optimization

Wilshire Axiom Risk Management :

- Analyses portfolio risk, tracking error and Value at Risk (VaR) arising from market exposures and benchmark.
- Compare portfolio versus benchmark duration contributions based on any user-defined grouping scheme, such as sector, quality, maturity range and more.
- Identify country, currency, yield curve, sector and quality exposure differentials relative to a benchmark to highlight sources of risk.

Wilshire Axiom Performance Attribution:

- Decompose returns using two methodologies: factor based analysis (Wilshire Global Credit Risk Model) and Brinson-style returns-based analysis.
- Quantify yield curve, sector, quality, currency, country and mortgage return differentials relative to a benchmark
- Compare ex-ante risk and ex-post return results directly and consistently with any other Wilshire Global Credit Risk Model reports for an integrated view of risk and performance attribution.

Historical Database and Historical Pricing:

- Comprehensive database representing global fixed income markets on a fully historical basis.
- Manage both passive and active strategies

Roles And Responsibilities :

- Ensure all bug fixes are tested and released to the client in a timely manner
- Code the application according to the design document
- Hands on experience in developing collection objects using Vector/List/Map.
- Understanding and analyzing the requirements.
- Add a feature according to requirement of client.
- Customization of MFC GUI controls and sub classing.
- Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
- Coding and debugging of MFC Regular/Extension Dll's.
- Performance, portfolio and compliance reports.
- Coding and bug fixing.
- Updated existing generic functions, using custom concepts.

babu