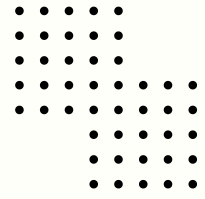




Rajesh Kumar

Software Developer



Profile

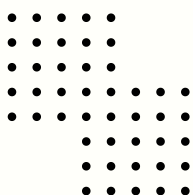
Having **2.5** Years of experience as Software developer I Seek a challenging position where I can learn new Skills,expand my knowledge and leverage my learning .To secure a challenging position and opportunity to make the best of my potential and knowledge

Experience

Company : Edventure Software Pvt Ltd.
Designation : Software Developer
Duration : Dec-2020 to Till Date
Location : Benguluru

Skills

C | C++ | VC++ | MFC | WIN 32 API



Contact

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✉️ jrajeshkumar0909@gmail.com
📍 Bengaluru

Academic History

Kakatiya University.

Bachelor of Science | MECS

2017 - 2020

Board of Intermediate Education,TS.

Intermediate | MPC

2015-2017

Board of Secondary Education,TS.

SSC

2014-2015

Technical Skills

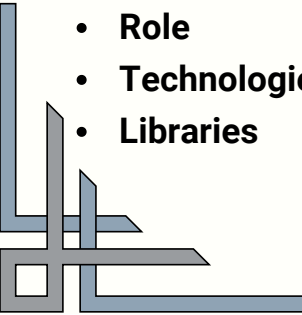
- **Languages:**
C,C++,VC++
- **Technologies:**
WIN 32 API's,MFC,STL,
Multithreading, Designing patterns.
- **SD Tools:**
Visual Studi 2019



PROFESSIONAL SUMMARY

- **2.5 years of Hands-on experience in windows application development using C, C++,VC++,Win32 API, MFC, STL and Multithreading.**
- **Hands On Experience in Modern C++11 Coding, using Move semantics, functors, lambda expressions, smart pointers (unique_ptr, shared_ptr, and weak_ptr).**
- **Implemented OOPS Concepts like Abstraction, Encapsulation, Inheritance & Polymorphism and Hands On experience on Compile time polymorphism and Runtime polymorphism.**
- **Good Knowledge in Multi-Threading using C++ Thread class, and synchronization techniques using lock_guard, unique_lock and condition_variable.**
- **Having good knowledge on providing solutions using Win32SDK,MFC,STL like Vector, List, Map, Stack and Queue.**
- **Experience in developing Single Document Interfaces (SDI) and Multiple Document Interfaces (MDI) Applications using MFC Doc/View Architecture.**
- **Good Knowledge on MFC Message Map Architecture and MFC Dll's like Regular and Extension Dll's.**
- **Having good knowledge on Design Patterns and Good knowledge in computer science areas such as Algorithms and Data Structures.**
- **Maintaining and sharing the project files in Git and Git Hub , Excellent understanding of Software Applications.**

PROJECT DETAILS

- | | |
|-----------------------|---|
| • Project | : FINCAD Analytics. |
| • Client | : FINCAD |
| • Company | : EDVENTURE SOFTWARE Pvt.Ltd. |
| • Duration | : Since Dec 2020 to Till Date. |
| • Team Size | : 15 |
| • Role | : Software Developer . |
| • Technologies | : C++, MFC, VC++, SQL Server 2015. |
| • Libraries | : Win32API. |
- 



PROJECT DESCRIPTION

FINCAD is a provider of financial analytics software and solutions that serves more than 1000 organizations globally. It is a technology innovator in the areas of derivative valuation, risk management, scenario analysis, and profit and loss attribution.

Module #3 Financial CAD Analytics

Tactical Corporate Actions (TCA): - Corporate Actions are any actions taken by an issuer affecting income or positions of the issuer's securities such as stock split, cash dividend, stock dividend and rights etc.

Corporate Action transactions may affect positions, receivables or both.

FINCAD is notified of Corporate Actions by Tactical Corporate Actions (TCA) Extended Enterprise application. Mandatory Corporate Actions are automatically processed. Responsibilities Corporate actions handled by TCA: - Cash Dividend, Stock Dividend, Return of Capital, Spin Off, Stock split, Bonus shares etc.

Roles:-

Implemented request/reply process where RKS sends request to Extended Enterprise Corporate Actions (TCA) with its holdings and the TCA returns any confirmed actions on the holdings to RKS.

RKS sends a listing file of FINCAD asset IDs to TCA. The entire holding file is sent on a daily basis.

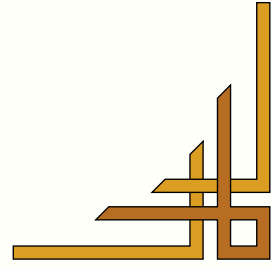
Module #2 Financial CAD Analytics

Cash Admin: - On processing a transaction, GTM posts the unconfirmed and confirmed trades to RKS for record keeping. RKS maintains Trade Date Cash balances and RKS Bank Cash balances during the transaction processing cycle. IMS Operations will reconcile the RKS Cash balances with the Custodian on a daily basis

Roles:-

Implementation of Trade Data Cash functions, and testing the trade cash balances against to the Portfolio/Manager/Bank/Bank Account.

Implementation of RKS Bank Cash, which represents cash balances based on settlement activity.



Module #1 Financial CAD Analytics

Cash Forecast: - RKS has the ability to calculate investment cash balance for the current business date and to forecast available cash balance into future periods. These projected cash balances are computed by combining expected settlement date cash balances (based on posted transactions for the date on account of purchases and sales) with projected cash items such as income, dividends and FX settlements.

Responsibilities:-

- **Sending daily status reports on new enhancements and bug fixing. Ensure all bug fixes are tested and released to the client in a timely manner.**
- **Writing the code for parsing index rates files.**
- **Understanding the standard reports and real time data views. Generating the cash flows based on the security or client information Adding features according to the client requirements.**
- **Perform unit test whether it meets to requirement or not. Performance, portfolio and compliance reports.**

Roles:-

- **Running the cash projection reports for multiple categories – projected beginning cash balance, projected end cash balance, posted transactions and projected transactions.**
- **For intraday cash forecasting /projection, the beginning cash balance is reconfigured in RKS if necessary (e.g., back dated trade).**

RAJESH