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a Mandal-
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Mobile: +91 **9640622791**
Nagasivadeepthichowdar
y.Nekkanti@cyient.com

Date of Birth:
24th April 1999

Total Experience:
Total of **2** years in
Software Engineer

Qualification:
B. TECH(ECE)
Year Graduate: 2020

Technical Skills:
C, C++, VC++, MFC,
Tortois SVN, Design Patterns,
SQL server 2012, Visual Studio
2017.

Languages Known:
English, Telugu.

SIVA DEEPTHI NEKKANTI

Software Engineer

OBJECTIVE:

Seeking new challenging job which is parallel to my professional experience and abilities. Be one of the key of the company's vision into realization through strong dedication, hard work and good leadership skills to enable the organization to deliver strategic new initiatives on time.

EXPERIENCED SUMMARY:

1.8 Years of Development Experience in **C, C++, VC++, STL, DLL based Software Development.**

- I have hands on experience on **OOPS Concepts.**
- Worked on fixing bugs and Maintaining Project source files Transferring files using **Tortoise SVN** Source Control and Designing user friendly GUI's.
- Having basic knowledge in **Design patterns** and good Knowledge in **Algorithms & Data Structures**.
- Good in full life cycle of software design process(requirement analysis, design, development).
- Hands on Experience in writing **Managed C++** code andmixing native and managed code.
- I followed **Software Development Life Cycle (SDLC)** for Technical Documentation.
- Knowledge in Inter process Communication using **Windows IPC.**
- Basic knowledge on **VC++ and MFC** dialogue-based design.
- Basic knowledge on Embedded Protocols, Autosar , CAN protocols, J1939.

SKILLS PROFILE:

- ☐ **Programming Languages1**   **:** C, C++, VC++.
- ☐ **Technologies**   **:** Win32 API, MFC, DLL.
- ☐ **Database**   **:** SQL Server 2012
- ☐ **Software Tools**   : Visual Studio 2017.
- ☐ **Source Control Tool**   : Tortoise SVN.
- ☐ **Operating System**   **:** Windows 7,8,10
- ☐ **Software Packages**   **:** MS Office

ACADEMIC PROFILE:

- Bachelor of Technology, Electronics & Communication Engineering, SIET, Setharamapuram, Narsapur, Andhra Pradesh, 68.2%
- Board of Intermediate Education (10+2), Aditya junior college, Palakol, Andhra Pradesh, 79.2%
- Secondary School Certificate, Narayana English Medium school, Palakol, Andhra Pradesh, 88%

EMPLOYMENT SUMMARY:

Worked as SOFTWARE ENGINEER at KNR&P TECHNOLOGIES Pvt Ltd, Hyderabad, Since Oct-2020– Jun2022.
Working as EMBEDDED ENGINEER at CYIENT Pvt Ltd, Hyderabad since June2022-Till now.

PROFESSIONAL EXPERIENCE:

PROJECT # 1

Project Name   : Trade Currency Management

MarketsDuration : March -2020 to June-22

Team Size   :9

Role   : Software Engineer

Environment   : C/C++, VC++, MFC, WIN32, DLL's, Windows XP, SQL Server 2008,

Visual Studio 2008, Tortoise SVN

DESCRIPTION:

Trade Currency Management Module offers real-time and historical US Treasury and LIBOR- based swap and forward rates. The US Treasury rates data provides real-time treasury prices and yields for various maturities of T-Bills, T-Notes and T-bonds. Swap rates data include rate quotes and yields for OTC LIBOR-based interest rate swaps in many traded currencies as well as swaptiondata.

Features implemented:

- o Access to daily LIBOR Rates (optional subscription)
- o Latest and historical Auction Results data for U.S. Treasury bills, notes, bonds, and Treasury Inflation-Protected Securities (TIPS)
- o Interest rates available as quickly as published by the source
- o Historical rates data by date or date range
- o Built-in operations for obtaining rates by rate families
- o Annual, monthly or weekly average interest rates for every time series
- o Real-time US treasury rates for one, three, and six-month benchmarks and one, two, three, five, seven-, ten-, twenty- and thirty-year benchmarks
- o Real-time and historical interest rate swap (IRS) rates for more than 20 currencies.
- o Historical swap rates by date or date range
- o Real-time swaption data in USD or EUR
- o Forward rate agreements
- o Swap rates and swaptions by individual maturity or as a complete family
- o Customized historical charts or yield curves for each rate

Roles and Responsibilities:

- ❖ Writing the code for parsing index rates files.
- ❖ Understanding the standard reports and real time data views.
- ❖ Coding, debugging and bug fixing.
- ❖ Generating the cash flows based on the security or client information e.g., interest accruals on fixed income instruments based on data from ESM.
- ❖ Involved in implementing the C++ code for Fixed/Float Cash flow projections.
- ❖ The test XML file to send validated trades transactions to Xignite Pricier for record keeping and accounting purpose.
- ❖ Understanding bugs and reproducing by following instructions given by the tester.
- ❖ Worked with Modal/Modeless dialog boxes.
- ❖ Running the application with different input scenarios and find the run time application behavior.

Following objects are developed for this module:

Exchange, GeoInfo, Credit, Currency, Expense, Index, Index Fcast, AddlInfo, Solver, PrepCurve, PrepHist, Standard Var, Treasury, Yield, etc.

DECLARATION:

I consider myself familiar with Information Technology aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bengaluru   **Deepthi Nekkanti**