Address:
Door.No:12-1-17/A,
Yadava Street,
Tirupati-517501,
Chittoor(D),
Andhra Pradesh.

Mobile: +919701126449

Email: gayathrikumaramangalam
@gmail.com

Date Of Birth:
12th April 1999

Total Experience:
Total of 2 + years in
Software Engineer.

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

Project#: **XIGNITE Money Markets.**

Technical Skills:
C, C++, VC++, MFC, Win32,
Tortois SVN, Design Pattern,
SQL server 2012, Visual Studio
2017

Languages Known:
English, Telugu, Tamil.
Marital Status: Single.

GURU GAYATHRI

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:

2.3 Years of Development Experience in **C, C++, VC++, WIN32, MFC, STL, DLL based Software Development.**

- I have hands on experience on **OOPS Concepts.**
- Hands on Experience with **WPF UI**.
- 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).
- 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.

SKILLS PROFILE:

	Programming Languages	: 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:

- o **B. TECH(ECE):** From **JNTUA** with **77.86%**of marks in 2020.
- o **Intermediate:** From **Sri Chaitanya Jr Kalasala** of Board of Intermediate Education and Training With **86%** of marks in 2016.
- o **SSC (10th Standard):** From **Prashanth English Medium High School** of Secondary Education, with **98%** of marks in 2014.

EMPLOYMENT SUMMARY:

Currently Working as SOFTWARE ENGINEER at NTT Data (payroll: SKY LAB INFO TECH Pvt Ltd, Bangalore, Since Jan-2020– Till Date.

PROFESSIONAL EXPERIENCE:

PROJECT # 1

Project Name	: Xignite Money Markets
Duration	: Aug -2019 to till date
Team Size	: 9
Role	: Software Engineer
Environment	: C/C++, VC++, MFC, WIN32, DLL's, Windows XP, SQL Server 2008, Visual Studio 2017, Tortoise SVN.

DESCRIPTION:

      Xignite Money Markets 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 swaption data.

Features implemented:

- Access to daily LIBOR Rates (optional subscription)
- Latest and historical Auction Results data for U.S. Treasury bills, notes, bonds, and Treasury Inflation-Protected Securities (TIPS)
- Interest rates available as quickly as published by the source
- Historical rates data by date or date range
- Built-in operations for obtaining rates by rate families
- Annual, monthly or weekly average interest rates for every time series
- Real-time US treasury rates for one, three, and six-month benchmarks and one, two, three, five, seven-, ten-, twenty- and thirty-year benchmarks
- Real-time and historical interest rate swap (IRS) rates for more than 20 currencies.
- Historical swap rates by date or date range
- Real-time swaption data in USD or EUR
- Forward rate agreements
- Swap rates and swaptions by individual maturity or as a complete family
- 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.
- Generatingthecashflowsbasedonthesecurityorclientinformatione.g., interest accruals on fixed income instruments based on data from ESM.
- Writing the C++ code for Fixed/Float Cash flow projections.
- ThetestXMLfiletosend validatedtradestransactionstoXignitePricierforrecord keeping and accounting purpose.
- Understanding bugs and reproducing by following instructions given by the tester.
- Worked with Modal/Modeless dialog boxes.
- Runningtheapplication withdifferentinputscenariosandfindtheruntimeapplication behavior.

Following objects are developed for this module:

Exchange, GeoInfo, Credit, Currency, Expense, Index, Index Fcast, AddlInfo, Solver, Prep Curve, 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   **Guru Gayathri**