

# VENKAT G

Software Developer

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## Professional Summary:

- Having 4.1 years of Experience in Visual C++, MFC, C++, Multithreading, DLL's particularly application development on Windows Platform.
- Good Experience in Object Oriented Technologies and Object Oriented Concepts.
- Expertise in front end design on windows using Visual C++
- Having experience in providing solutions using Win32 SDK, MFC and COM components.
- Experience in writing inheritance runtime polymorphism.
- Having sound knowledge in MFC DLLs, COM DLLs, TCP/IP Sockets and Multithreading and Socket Programming.
- Proficient in Programming Using GDI Objects and Experience in developing Single Document Interfaces and Multiple Document Interfaces
- Well versed in developing model and modeless dialogue boxes using UI's.
- Experienced in C++, VC++, MFC Doc/View and Dialog based applications.
- Understanding user and functional requirements and developing GUI components.
- Having basic knowledge in Design patterns. In my current project I involved with Singleton, Factory, Bridge and Observer design patterns.
- Good analytical and problem solving skills and ability to think about a problem and to solve it through my debugging and troubleshooting skills.

## Education:

- Master of Computer Applications (MCA) from Osmania University passed in 2009 with 65%.
- Bachelor of Sciences (B.Sc.) from Kakatiya University passed in 2006 with 65%.

## Carrier Objective:

To be in a position in a result oriented company that seeks an ambitious and career conscious person where acquired knowledge and skills gained during my professional experience will be utilized towards continuous growth and development for organization.

## Skills:

- **Programming Languages:** C, C++, and VC++.
- **Technologies:** Win32, MFC, COM, STL, Doc View, Multithreading, Design Patterns, DLL.
- **Development Tool:** Visual Studio 2008/15.
- **Source Control Tool:** GitLab
- **Operating System:** Windows 7/10.
- **Data Base:** SQL Server 2008.

## Employment:

- Currently working as a Software Developer for Micronox Information Technologies Pvt Ltd, Hyderabad since May 2018 to till date.

## Project #2

Project Name	:	LOGITECH OPTIONS
Client	:	Logitech, Switzerland
Team Size	:	12
Organization	:	Micronox Information Technologies Pvt Ltd.
Role	:	Software Developer.
Duration	:	Jan 2021 to till date.
Environment	:	C/C++, Python3, Cmake, GitLab, Protocol Buffer, Windows 10, Visual Studio 2019.

### Project Description:

Logitech Options is a powerful and easy-to-use application that enhances Logitech mice, keyboards, and touchpad's. It will customize the device with Options and do more than you thought possible. Logitech Options is extremely easy-to-use and it provides amazing features. Logitech devices show up as on-screen images, so they're easy to find, switch, and set up in seconds.

### Features:

- Customize Buttons and Actions
- Optimized Gestures for Windows and MAC OS
- Application Specific Settings
- Device status at a Glance
- Logitech flow takes multi device use to a new level
- Create an account to backup your device settings

### Roles and Responsibilities:

- Developing the device specific features based on requirements and does the unit testing.
- Implemented the device specific features related to overlay notifications.
- Low battery notifications, and setting of Dark Mode theme based on system theme.
- Debugging and finding errors and bug fixing.
- Trouble shooting using log files.
- Crash dump analysis using windows leaks detector.

## Project #1

Project Name	:	ALLIGNE NATURAL GPSO SYSTEMS
Client	:	SUN GARD SYSTEMS PVT LTD. New York (USA)
Team Size	:	14
Organization	:	Micronox Information Technologies Pvt Ltd.
Role	:	Software Developer
Duration	:	June 2018 to Dec 2020
Environment	:	C, C++, VC++, WIN32, MFC, Data Structures, STL, DLL, Design Pattern, COM, OOPS, Multithreading, Socket Programming, Doc/View Architecture, Visual Studio 2008, SQL Server 2008.

### Project Description:

ALLIGNE is a multi-commodity software solution suite that helps energy companies more efficiently and profitably trade and market energy. Here ALLIGNE Natural GPSO (Gas Pipeline and Storage Operation) is designed to support a combination of interstate, intrastate. Mainly in my project ALLIGNE Natural Gas Pipeline Operations integrates with Trading & Risk Management and Natural Gas Operations modules as a comprehensive end-to-end solution for pipeline operators, local distribution companies and storage operators.

ALLIGNE Natural Gas Pipeline Operations system is designed to work in chorus with the Facility Dataset Configuration and Facility Configurable Rules. Once the client has set these two configurations, the Nominations process will dynamically build each nomination screen according to the model type selected on the contract and the rules for that specific pipeline and model type.

### Roles and Responsibilities:

- My role is Mid stream Risk metrics and I do Analysis of the Specifications provided by the clients.
- Generating reports.
- Debugging and finding errors and bug fixing.
- Understanding the requirements and specification algorithms and preparing high level design.
- Developing the application and do the unit testing.
- Customization of MFC GUI controls and sub classing.
- Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
- Created dictionary files resources.
- Trouble shooting using log files.
- Memory Analysis using windows leaks detector

### Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date:

Place:

(Venkat. G)