

Software Developer

Lokesh

Career Goals

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 of the organization.

Summary of Qualification

- Four years Two months working experience in Development of Applications software using **windows Applications** and **Object Oriented Techniques**.
- Exhaustive experience in technologies such as **C, C++, Win32, MFC, VC++ and STL**.
- Awareness on **C++ 11 features** like auto, nullptr, smart pointers, range based FOR loops and function objects.
- Possess experience in the area of Socket Programming, DLLs, **Multithreading** and Debugging.
- Experience in Win32 API System Registry, files, threads and processes.
- Worked on **Modal/Modeless Dialog Boxes** creation using Win32 and MFC.
- Knowledgeable in Controls Customization on MFC Controls.
- Involved in a project implementation using **VC++ and MFC**, designed on basis of **Document-View Architecture (SDI/MDI)** of MFC framework.
- Having basic knowledge on Component Object Model (COM).
- Hands on experience in Worker Thread, User Interface Thread and on Synchronization Objects like **Critical Section, Mutex, Event and Semaphore**.
- Familiar on implementing algorithms like Searching and Sorting.
- Good knowledge on **DLL's like Regular, Extension DLLs** and Implicit/explicit linking of DLL's.
- Basic knowledge in **Design Patterns** like Singleton, Bridge etc.
- **Debugging** and Integration Testing for Reports module

Skills Set:

- ✓ **System Languages:**
C, C++, Visual C++,
DLL
- ✓ **Technologies:**
Win32, SDK, MFC
- ✓ **Database:**
SQL Server 2008
- ✓ **Operating Systems:**
Windows 10
- ✓ **Source Control Tool:**
JIRA, Bitbucket,
Confluence
- ✓ **Development Tool:**
Visual Studio 2017
and 2019

Get In Touch:

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Personal Details:

Date of Birth:

May 17th, 1998

Languages Known:

English, Hindi, Telugu

Core Competencies

- ✓ MFC Control Customization
- ✓ GDI Programming,
- ✓ Device Context Objects, Brushes and Pens
- ✓ Unit Testing & Preparing Test Cases
- ✓ Modal/Modeless Dialog Boxes
- ✓ SDI/MDI Applications & Doc/View Architecture
- ✓ Message Map Architecture
- ✓ MFC Worker/UI Threads
- ✓ Synchronization
- ✓ Critical Section, Mutex, Event and Semaphore
- ✓ IPC, Processes & Threads
- ✓ WinSock Socket Programming
- ✓ Component Object Model InProc /OutProc Servers
- ✓ Software build & Release activities
- ✓ Implicit/Explicit Linking of Dll
- ✓ Win32 SDK Dll
- ✓ MFC[Regular/Extension] Dll's

Related Experience

Company Name : METALLCO SOFTECH PRIVATE LIMITED

Duration : May 2019 to Till Date

Location : Chennai

Designation : Software Developer

Education

- Graduation from Priyadarshini college, Gurramkonda (SV UNIVERSITY) with 72%.
- Intermediate from PVR JUNIOR COLLEGE, Vayalpad (Board of intermediate Education A.P) with 57%.
- S.S.C from ZP HIGH SCHOOL, Tarigonda (State Board of Secondary Education) with 78%.

#1 Project

Project name **APE MANAGER**

Duration May 2019 to till date

Client Well Cycle (California)

Team Size 9

Environment C/C++, VC++, Win32, MFC, COM, DLL, Multi-threading, Visual Studio 2009, SQL Server 2008, JIRA, Bitbucket, Jenkins.

Description

Well Cycle delivers enterprise software solutions for the oil and gas industry. It is used to automate and streamline key processes, facilitating and the well cycle solutions have been implemented at some of the fastest growing and most successful oil and gas companies, including Encana and Pioneer Natural Resources

AFE MANAGER

Description: Well Cycle's AFE (Authorization for Expenditure) solution provides oil and gas companies with a centralized solution to manage the AFE process, from creation through approval. The solution streamlines the entire AFE process to simplify AFE creation and expedite the time to approval. All AFEs are stored in a central repository to eliminate redundancy across applications and provide a "single source of the truth" for AFE information.

Planning:

Description: Well Cycle provides a single, centralized solution to govern the entire well planning and regulatory process. All data is stored in a central repository to eliminate redundancy across applications and provide a single source of the truth. The system offers a holistic view of all critical drilling activity, governing the relationships between process stages and offering an accurate representation of the state of each well. Current and past activities are monitored to help identify and implement process and productivity improvements.

Strategic Benefits:

- Improve Time to Production – Well Cycle governs all wells through a consistent well planning process, streamlining the well lifecycle, so that wells advance to production more quickly and efficiently.
- Optimize Valuable Resources – Well Cycle's integrated scheduling function optimizes the drilling and completions schedules to reduce costs and maximize the utilization of valuable resources.
- Facilitate Collaboration – Well Cycle provides a single source of the truth for well planning data, improving visibility & collaboration throughout the well planning process, to facilitate hand offs between disciplines, break down barriers, and avoid costly delays.

Key Features: The Well Cycle system provides critical tools and modules to facilitate the well planning process including

- Dashboards
- Workflow Automation
- Drilling & Completions Scheduling
- Document Management

Professional Services:

Description: The Well Cycle professional services team is available to serve customers during the implementation process and beyond. Our consultants work with you to understand your business requirements and workflows, adapting the system to best meet your company's needs. Using our intimate knowledge of the software and our experience with best practices, we can recommend ways for you to get the most from the platform.

- Well Cycle Deployment.
- Well Planning and Lifecycle Management.
- Workflow Automation, Governance & Approvals.

Roles & Responsibilities

- Quickly produce well organized, optimized and documented source code.
- Providing the visibility to safe information and analytics through digital performance dash boards.
- Involved in meeting with functional team to understand the functional specification properly.
- Drawing operations with device context objects and coding for Line/bar Charts.
- Bug analysis and fixing.
- Writing Document and View object using MFC library.
- Customization of MFC GUI controls and sub classing.
- Modal/Modeless dialog screens designing with standard templates.
- Coding and debugging of MFC Regular/Extension DLL's.
- Sending daily status reports on new enhancements and bug fixing.
- Handling Threading logic to develop various reports.
- Understanding the log files and analysing the bugs.
- Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
- Compiling/registering the COM DLL's and testing the application code.
- Troubleshooting using log files.
- Developing the application and does the unit testing.
- Analysis of the Specifications provided by the clients.
- Working with menus and accelerator resources and Document templates.
- Excellent judgment, decision-making skills, and the ability to work under continual deadline pressure when the situation is ambiguous.
- Strong negotiation skills and conflict management skills.
- Collaborate with internal teams and vendors to fix and improve products.

(Lokesh)