

## PULLAIAH CH

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### OBJECTIVE

Seeking a challenging assignment with a reputed Organization where my technical skills can be utilized to meet the Organization's objectives.

### CORE COMPETENCIES

- ☞ **2+ Years of Hands on experience in developing Windows based GUI applications using C, C++, Microsoft Visual C++, Win32 and MFC.**
- ☞ Professional programming skills in C++ and implementing the **OOP's** concepts like **Abstraction, Inheritance, Encapsulation and Polymorphisms.**
- ☞ Good in C++ technical concepts like Type castings Pointer/Ref types, Deep Copying, Shallow Copying, Virtual Destructors, Mutable, const keywords.
- ☞ Expertise in Front-end design on windows using Visual C++.
- ☞ Having experience in providing solutions using Win32 and MFC components.
- ☞ Hands on experience in writing code using **MFC Sub-classing like Buttons, List Box, Picture Control.**
- ☞ Developed the applications using **GDI Objects** & Good understanding of Software Usability and Object Oriented designing user friendly GUI's
- ☞ Hands on experience in developing Windows OS based GUI applications using **Modal/Modeless dialog boxes.**
- ☞ Experience on MFC Doc view Architecture like SDI and MDI Applications.
- ☞ Good Understanding on Design patterns while creating the Objects based on the behavior and visual appearance of the application.
- ☞ Understanding user and functional requirements and developing GUI components.
- ☞ Good analytical and problem solving skills and ability to think about a problem and to solve it through my Debugging skills.
- ☞ Participated with developing technical documentation in Software Development Life Cycle, **Agile Methodology.**
- ☞ Excellent communication and interpersonal skills, can able to work in critical conditions and heavy workloads.

### PROFESSIONAL EXPERIENCE

- ★ Currently Working as a Software Developer for **BITLOGIC Software Pvt. Ltd ., Bangalore** from **June 2019** to Till Date.

## EXPERTISE/SKILLS

Operating Systems	:	Windows 7 and windows server 2005
Programming Languages	:	C and C++ .
Technologies	:	Win32 API , MFC , STL
Development Tool	:	Visual Studio
Source Control Tools	:	Tortoise SVN

## EDUCATIONAL QUALIFICATION

- ☞ **B.Tech** from **Jawaharlal Nehru Technological University, Kakinada** Passed in **2013** with **60%**.
- ☞ **Intermediate** from **Board of Intermediate Education from Hyderabad, A.P.** Passed in **April 2008** with **82%**.
- ☞ **S.S.C** from **State Board of Secondary Education Hyderabad, A.P.** Passed in **April 2006** with **76%**.

## Project Details

<b>Project #1</b>	<b>SLIB CUSTODIAN</b>	<b>June 2019 - Sep 2020</b>
<b>Client</b>	<b>SLIB FRANCE</b>	
<b>Position</b>	<b>Software Developer</b>	
<b>Team Size</b>	<b>10</b>	
<b>Location</b>	<b>Bangalore</b>	
<b>Environment</b>	<b>C, C++, VC++, MFC, Win32 API, Visual Studio 2012.</b>	

SLIB Custodian covers all back office processes like position analysis, Compliance management, order management, order execution, reversal transaction, and corporate actions. Custody Manager linked to the back office system and order book. It integrated to the external data flows and do the valuated accounting positions before/after corporate actions, the day's transaction, tax counters and supports Statutory, GAAP, Fourth ... tax system.

## MODULES

**Module #1 Cash Admin:**

**Module #2 Transactions:**

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## Module #3 Corporate Actions:

## Module #4 Reports:

### Roles & Responsibilities:

- ❖ Add a feature according to requirement of client.
- ❖ Analyze the Functional Specification provided by functional team.
- ❖ Code the application according to the design document.
- ❖ Understanding and modify the existing code.
- ❖ Understanding different OOPs Concepts.
- ❖ User-friendly interface.

Running the application with different input scenarios and find the runtime application behavior

## Project #2

## OIL AND GAS PIPE LINE SCEDULING

Oct 2020 - Till Date

<b>Client</b>	<b>DNV GL Group, Norway</b>
<b>Position</b>	<b>Software Developer</b>
<b>Team Size</b>	<b>10</b>
<b>Location</b>	<b>Bangalore</b>
<b>Environment</b>	<b>C, C++, VC++, MFC, Win32 API, Visual Studio 2012.</b>

Synergy Pipeline is easy to use and efficient pipeline integrity management system. Synergy Pipeline is a proven solution. Synergy Pipeline is a Pan Do Check Act model. It supports all stages of life cycle. DNV has been an expert on pipeline systems for decades, with more than 60% of the world's offshore pipelines compliant to DNV pipeline standards.

## MODULES

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### Module #1 Data Management

Consolidating all pipeline related data in one database has many advantages. Synergy Pipeline also has the ability to track changes to data, view multiple data sets graphically and link data to applicable documents.

### Roles & Responsibilities:

- ❖ Store all pipeline data, analysis and survey results, and supporting documents in central storage.
  - ❖ Manage user access to pipeline data.
  - ❖ Visualize and report the pipeline data.
  - ❖ Implemented MODAL/MODELESS dialog screens for users, roles, authorizations.
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- ❖ Developed business objects using C++ Abstraction, Polymorphism and Inheritance concepts.
- ❖ Handled unit testing.
- ❖ Optimized the existing code by using STL Data Structures VECTOR, LIST, and MAP OBJECTS.

## **Module #2 Risk Assessment and Integrity Management Planning**

Identification of risk, planning and follow-up activities are essential in the integrity management process. Synergy Pipeline control enables all pipeline activities, optimizes inspection activities, and reduces inspection costs.

### **Roles and Responsibilities:**

- ❖ Portfolio screening and risk assessments based on threats and company risk rules.
- ❖ Integrity Planner for activity management and work optimization.
- ❖ Carried **Risk Analysis at User Level, Role Level, and Authorization Level.**
- ❖ Implemented Risk Mitigation Monitoring tool with LOG FILES.
- ❖ Involved in developing **DNV Standard RULE SET** objects, which carries the remediation process of RISK.
- ❖ Implemented 3<sup>rd</sup>Party RULE SET Importing MODAL/MODELESS dialog screens.

## **Module #3 Inspection, Monitoring and Testing**

Synergy Pipeline keeps inspection results for all pipelines in the central storage (Engine).

### **Roles and Responsibilities:**

- ❖ Access results in one comprehensive system.
- ❖ Combine results with previous results and pipeline data.
- ❖ Monitor development of features such as i.e. corrosion.
- ❖ Optimized the existing code by using STL Data Structures VECTOR, LIST, and MAPOBJECTS.

## **Module #4 Integrity Assessment**

Synergy Pipeline helps your engineers analyze the condition of the pipeline and identify when mitigating actions are required. By using Synergy Pipeline to analyze gathered information it is possible to document the analysis/decision process and respond appropriately.

### **Roles and Responsibilities:**

- ❖ Visually analyze system data and inspection results using the Data Viewer.
- ❖ Align and analyze inspection data with the engineering tools Data Aligner and Anomaly Finder.
- ❖ Initiate follow-up activities to address anomalies.
- ❖ Carried testing on Integration scenarios of various modules.