PRAVEEN KUMAR **HEJEEBU**

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Software Developer

SKILLS

- Programing Languages: C/C++,Visual C++,M F C

- Technologies: Win 32, STL, DLL,Multi threading

- Database:Microsoft SQL Server 2008

- Developement Tool: Visual Studio 2008, 2017, 2015

- Sourse Control Tools: GitHub

Education

- Bachelor of Science

- R.K Jr & Degree college

  Vijayanagaram   (2018)

SUMMARY

Keenly interested in challenging and creative assignments, which will enable me to sharpen my skills and make me competent enough to excel in the field of software design and development of software systems while utilizing my experience in developing application software, Special interest in Object Oriented Techniques

Work Experience   3 Years, 1 Month

PulseByte software consulting Pvt,LTD   Hyderabad

Feb 10, 2020 – Present

Professional Summary

- Expertise in C, C++, VC++, MFC and Win 32 , with 3 Years 1 Month of Experience in IT industry
- Having experience in C++ technical concepts like type castings, smart pointers, Pointer/Ref types, Deep Copying, Shallow Copying, Virtual destructor, Mutable, const, volatile and auto keywords
- In-depth knowledge of application development methodologies like Object Oriented Concepts [OOPs].
- Very good exposure in writing OOPS concepts like Abstraction, Inheritance, Compile Time/Run-Time Polymorphisms.
- Hands on experience in writing Generic Code using Template Functions and Template classes, and using the STL Containers like Vector, List, Stack, Queue and Associate containers Map, Multimap, Set and Multiset data structures.
- Having experience on Multi-threaded Applications such as Synchronization Objects, User Interface Thread and Worker Thread
- Having knowledge on implementing design patterns like Singleton, Observer, Bridge, Class Factories, and Algorithms like binary search and Quick sort.
- Experience in writing Visual C++ code in multi-threaded environment with worker and User Interface threads.
- Hands on experience in developing Windows OS based GUI applications using Modal/Modeless dialog boxes and Doc/View architecture based SDI/MDI applications.
- Debugging the DEBUG/RELEASE builds using Visual Studio Debugger and good knowledge in TRACE/ASSERT/VERIFY macros
- Extensive knowledge in Windows Message Map architecture and Message handling mechanism in Win32 and Microsoft Foundation Class (MFC) library.
- Good knowledge in static libraries, dynamic libraries, MFC Regular.
- Extension DLL's and Implicit/Explicit linking of DLL's.
- Participated in Analysis, Code Review, Troubleshooting and Debugging.

PROJECT DETAILS

- **Project name** - Medication Administration Record Component(MAR)/(MAW).
- **Duration** - July 2020 to Till Date.
- **Client** - Kansas City (USA)
- **Team Size** - 12
- **Environment** - C, C++, VC++, Multi threading, SQL, Visual Studio 2015,2017, Windows 10, TFS.

Medication Administration Record Component:

- The Medication Administration Record (MAR) component is an overview and aggregation of the pertinent medication order, activity, and administration information for a patient for the selected time frame. This component allows clinicians to view historical, present, and future medication history for a patient at the exact time it occurred.
- The MAR component is patient encounter-specific. The component displays active and inactive orders based on the View time frame selected and date range displayed.

FHIR:

- Web service project that provides rest endpoints to outside of provider network mainly to share the patient Administration details based on the query param passed.

Patient timeline component:

- Patient Timeline is an overview and collection of pertinent information that allows you to correlate physiologic responses with medications and other clinical events. It assists in determining prognosis, diagnosis, and treatment. Patient Timeline helps you manage patient care by providing key elements for assessing a patient's condition.
- Patient Timeline consists of three sub-components: Clinical Results Timeline, Medications Timeline, and Vital Signs Timeline.

MAW component:

- To support the administration through med barcode scanning, the MAW(medication administration wizard) component can be used.

Responsibilities:

- This MAR/MAW component allows clinicians to view a patient's historical, current and future medication history at the exact time it occurred and this application is developed using C++/MFC and multi-threading.
- Involved in developing MAR/MAW patient timeline applications using C++/VC++, developing components to parse various types of med and patient identifier bar-codes and capture details such as lot/serial number and expiration date.
- In MAR, we have three orders to place the patient timeline continuous order, intermittent order and PRN order, after placing this order we can see the patient's chart details. These continuous, intermittent, PRN, orders must contain this requirement. MFC/C++, SQL
- Developing front end back-end application by incorporating MFC components.
- Customization of MFC GUI controls and sub classing.
- Trouble shooting using log files.

PRAVEEN KUMAR

Date :

Place : Hyderabad