**RANGARAO NANDAMURI**

Name: Nandamuri Ranga Rao

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**Professional Summary :**

* Hands on Experience using VC++ and MFC on basis of **Document-View Architecture** of MFC Framework.
* Expertise in front end design on windows applications using **Visual C++.**
* Good Knowledge in **Multithreadingin mfc.**
* Having experience on **Multi-threaded Applications** such as **Synchronization Objects**, **User Interface Thread** and **Worker Thread.**
* Using **C/C++,VC++, WIN32, MFC, STL, DLL, ATL, Multithreading** in software Development and Testing have **4.3years** of experience.
* Good knowledge in static libraries, dynamic libraries, MFC Regular, Extension DLLs and Implicit/Explicit linking of DLL's.
* Having basic knowledge in **Design patterns** and good knowledge in computer sciences areas such as Algorithms & Data Structures.
* Good Knowledge in **Agile Methodology** and **Scrum Process** for software development.
* Technical documentation Software Development Life Cycle (**SDLC**) is experienced in developing.
* Sound Knowledge in **OOPS** Concepts.
* Knowledge of production environment debugging and trouble shooting

**Summary Of Skills :**

|  |  |
| --- | --- |
| **Languages** | **C, C++, VC++.** |
| **SD Tools & Technologies** | **Tortoise SVN, Visual Studio 2015, WIN32, MFC, STL.** |
| **Database** | **SQL Server 2008** |
| **Operating systems** | **Windows 8/10.** |

**Professional Experience :**

**Project:2**

**Company :** **NETFINITY TECHNOLOGIES INDIA PVT LTD.**

**Project : MAR/MAW**

C**lient : Kansas City (USA).**

**Duration :** April 2020 to Till Date

**Role : Software Engineer**

**Team Size : 12**

**Environment** : C,C++,VC++, MFC, TFS, Multithreading, Windows10,

Visual Studio 2015,2017, SQL Server 2008.

**MAR/MAW:**

April 2020-Present

**Medication Adminstration 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.
* 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.
* Customization of MFC GUI controls and sub classing.
* Trouble shooting using log files.

**Project:1**

**Company :** **NETFINITY TECHNOLOGIES INDIA PVT LTD.**

**Project : Alligne Natural GPSO Systems**

C**lient : Sungard Systems Pvt Ltd.(USA)**

**Duration :** June 2018 to March 2020.

**Role : Software Engineer**

**Team Size : 09**

**Environment** : C,C++,VC++, WIN32,API, Multithreading, Windows 7,

Visual Studio 2008, SQL Server 2008, TFS.

**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 ALIGNE 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.

**FEATURES:**

* Trouble shooting using log files.
* Pipeline tariff capture – rates, fuels, NAESB data element usage, code values usage and validation rules.
* Support of multiple contract service types – transportation, storage, sales, OBAs, park and loan, and asset management.
* Full audit trail of contract changes, nominations, volumes, charges and invoices.
* Invoice statement generation tailored to the individual customer and customer activity.
* Date effective transactions that are recorded for the life cycle of the transaction, eliminating monthly setup.
* User-friendly design including saved searches and screen views, configurable screen layouts, user- defined favorites and import/export via Excel and CSV from the screen.

**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.
* Customization of MFC GUI controls and sub classing.
* Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
* Troubleshooting using log files.
* Memory Analysis using windows leaks detector

**Academic Qualifications:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Educational**  **Qualification** | **UNIVERSITY /Board of Education** | **Institution** | **Year of passing** | **Aggregate (%)** |
| B.Te(ECE) | JNTUK | ASR College of Engineering TANUKU | 2014 | 60% |
| Intermediate  (M.P.C) | Board of Intermediate  Education | Govt Junior College  Polavaram | 2010 | 66% |
| SSC | Board of Secondary Education | Z P High School  Gutala | 2008 | 80% |

**Personal Details :**

* Date of Birth : 15-08-1993
* Sex : Male
* Nationality : Indian
* Native State : Andhra Pradesh
* Marital Status : Single
* Languages Known : English,Telugu
* Permanent Address : 3-184, Kothapattiseema, Gutala Post, Polavaram

Mandal, West Godavari District, A.P,534341.

**Declaration :**

**I** RangaRao Nandamuri working in **NETFINITY TECHNOLOGIES INDIA PVT LTD** does I hereby declare that the information given above in my Profile is and correct to best of my knowledge.

Place :

Date : RANGARAO NANDAMURI